THE

GLASGOW UNIVERSITY CALENDAR

FOR THE YEAR

1897-98

GLASGOW
JAMES MACLEHOSE & SONS, 61 ST. VINCENT STREET
Publishers and Booksellers to the University
EDINBURGH : DOUGLAS AND FOULIS
1897

Mutual Life Assurance—Moderate Premiums.

Scottish Provident Institution.

ESTABLISHED 1837.

HEAD OFFICE—No. 6 ST. ANDREW'S SQUARE, EDINBURGH.

The Advantages to Assurers are:—

An Assurance of **£1200** or **£1250** may be obtained from the first for the same yearly payment which would generally elsewhere assure (with Profits) **£1000** only—the difference being equivalent to an immediate and certain Bonus of 20 to 25 per cent.

The **Whole Surplus** goes to the Policyholders, on a system at once safe and equitable —no share going to those by whose early death there is a *loss* to the common fund.

Annual Premium for £100 at Death (with Profits).

Age.	25	30	35	40	45	50
Payable during Life, -	£1 18 0	£2 1 6	£2 6 10	£2 14 9	£3 5 9	£4 1 7
Limited to 25 Payments, -	2 10 2	2 13 0	2 17 9	3 4 6	3 14 0	4 8 7

A person of 30 may secure £1000 at death by a yearly payment *during life*, of £20 15s. only. Or, may secure £1000 by 25 payments of £26 10s.—*being thus free of payment before age* 55.

The Accumulated Funds exceed £10,000,000.

Statement of Principles, with Full Table of Rates, on Application.

GLASGOW OFFICE—29 ST. VINCENT PLACE.

July, 1897. WM. M. WISELY, *Resident Secretary.*

DON'T HAVE CORNS

BUNIONS or ENLARGED TOE JOINTS when a packet of THOMPSON'S Celebrated CORN PLASTERS will cure you. It is thin as silk and removes the Pain at once. Post free for 14 stamps from M. F. THOMPSON, Homœopathic Chemist, 17, Gordon Street, Glasgow.

N.B.—Beware of Worthless Imitations.

TONE UP

BY TAKING

NERVETONINE

A Powerful Tonic and Brain and Nerve Food. It Cures all Nervous Affections and Neuralgia and Rheumatic Pains.

Bottles, 1/9, 2/9, and 4/6; post free.

See that you get **Nervetonine.**

Sole Proprietor—

M. F. THOMPSON, Dispensing Chemist,

17 Gordon Street, GLASGOW.

SPONGES.

Bath Gloves, Flesh Brushes, Tooth and Nail Brushes, Cosmetiques, Pomades, and every Toilet Requisite.

M. F. THOMPSON'S

DENTIFRICE WATER

The Perfect Dentifrice.

Bottles, 1s. 6d. and 2s. 6d.

James MacLehose and Sons,
Publishers and Booksellers to the University,
Bookbinders, Librarians, Stationers, and Newsagents,
61 SAINT VINCENT STREET,
GLASGOW.

Robert MacLehose and Co.,
Printers to the University,
LAW, MERCANTILE, AND GENERAL PRINTERS,
153 West Nile Street,
GLASGOW.

"CORONA."—The Newest and most Perfect Shirt, either for Every-day Wear or Evening Dress.

CORONA
"CORONA"

Originator
of the
Celebrated
"18/6"
TROUSER
SCHEME.

Sole Maker of
RILEY'S
HAWICK
"HYGIENIC"
WOOLLEN
UNDERWEAR.

ALEXANDER RILEY,
42 GORDON STREET, GLASGOW,
Home, Colonial, and Foreign Outfitter.

SCOTTISH UNION AND NATIONAL INSURANCE COMPANY.

HEAD OFFICE—35 ST. ANDREW SQUARE, EDINBURGH.

CAPITAL, - - - £6,000,000 | LIFE POLICIES IN FORCE, - £11,000,000
TOTAL FUNDS, - - - - - - £4,672,767.

LIFE ASSURANCE.

Intending Assurers should apply for the Company's New Prospectus and Rates.

EARLY BONUS POLICIES.

Ordinary Whole-Life.

Such Policies subject to the regulations in the Prospectus, are WORLD-WIDE, INDISPUTABLE, and NON-FORFEITABLE.

DIRECTORS—GLASGOW BRANCH.

JOHN AFFLECK, Esq.	W. G. BLACKIE, Esq.	J. B. WINGATE, Esq.
THOMAS BALMAIN, Esq.	THOMAS MASON, Esq.	ALEXANDER WATT, Esq.

Resident Secretary—HENRY G. ANDREWES.

Solicitors—Messrs. KEYDENS, STRANG & GIRVAN.

FIRE INSURANCE.

Almost all descriptions of property insured on the most favourable conditions. Inspections made and rates quoted free of charge. **Settlement of Losses Prompt and Liberal.**

GLASGOW BRANCH OFFICE—150 WEST GEORGE STREET.

ENGLISH AND SCOTTISH LAW LIFE ASSURANCE ASSOCIATION.

Established 1839.

Subscribed Capital, £1,000,000 *(£930,000 uncalled).* Total Funds, £2,237,000.

New Schemes; Guaranteed 5% Investment Policies.
Explanatory leaflet on application.

Ordinary "Whole Life" and "Endowment" Assurances.

PROFITS DIVIDED EVERY FIVE YEARS.

Bonus already Declared, £1,413,070.

SPECIAL MINIMUM (DISCOUNTED BONUS) PREMIUMS.

ENLARGEABLE TERM ASSURANCES.

ANNUITIES granted on favourable terms.
LOANS granted on Approved Securities in connection with Life Assurance.

120 PRINCES ST., EDINBURGH. | 12 WATERLOO PLACE, LONDON.
Glasgow Branch—10 Gordon Street.
ANDREW PENN, Secretary.

61 St. Vincent Street, Glasgow, July, 1897.

Glasgow University Calendar Advertising Sheet.
SESSION 1897-98.

Macmillan & Co.'s Publications.

UNIVERSITY OF GLASGOW M.A. PASS EXAMINATION 1898.

Virgil—Æneid. Book VII. With Notes and Vocabulary. By A. Calvert, M.A. 1s. 6d.
Horace—The Odes and Epodes. Edit. by T. E. Page, M.A. 5s. (**Books I., II., III.**, and **IV.** separately, 1s. 6d. and 2s. each.)
The Epistles and Ars Poetica. Edit. by Prof. A. S. Wilkins, Litt.D. 5s.
Cicero—The Catiline Orations. Edited by A. S. Wilkins, Litt.D. 2s. 6d.
The Second Philippic Oration. Edited by Prof. J. E. B. Mayor. 3s. 6d.
Homer—Iliad. Books I.—XII. Edited by W. Leaf, Litt.D. and Rev. M. A. Bayfield, M.A. 6s.
Iliad. Book IX. Edit. by J. H. Pratt, M.A., and W. Leaf, Litt.D. 2s.
Euripides—Bacchæ. Edited by R. Y. Tyrrell, M.A. 3s. 6d.
Herodotus. Book III. Edited by G. C. Macaulay, M.A. 2s. 6d. **Book VI.** Edited by Prof. J. Strachan, M.A. 3s. 6d.
The Republic of Plato. Translated by J. Ll. Davies, M.A., and D. J. Vaughan. 2s. 6d. net.
Shakespeare. With Introduction and Notes by K. Deighton. **The Tempest.** 1s. 9d. **Much Ado about Nothing.** 2s. **Richard II.** 1s. 9d. **As You Like It.** 1s. 9d. **Hamlet.** 2s. 6d.; sewed, 2s. **King Lear.** 1s. 9d. **Othello.** 2s. **Coriolanus.** 2s. 6d.; sewed, 2s. **Macbeth.** 1s. 9d.
Milton—Samson Agonistes. With Introduction and Notes by H. M. Percival, M.A. 2s.
Addison—Steele—Selections from the "Spectator." With Introduction and Notes by K. Deighton. 2s. 6d.
The Golden Treasury of the Best Songs and Lyrical Poems in the English Language. Selected and arranged, with Notes, by Prof. F. T. Palgrave. 2s. 6d. net.
Moliere—Le Misanthrope. Edited by G. E. Fasnacht. 1s.
L'Avare. Ed. by L. M. Moriarty. 1s.
Beaumarchais—Le Barbier de Seville. Edited by L. P. Blouet, B.A. 3s. 6d.
Lessing—Minna Von Barnhelm. Edited by Rev. C. Merk. 2s. 6d.
Goethe—Faust. Part I. Edited by Miss J. Lee. 4s. 6d.
Schiller—Maria Stuart. Edited by C. Sheldon, M.A., D.Lit. 2s. 6d.

CLASSICAL LIBRARY (I) TEXTS.

Æschylus—The Seven against Thebes. By A. W. Verrall, Litt.D. With Translation. 7s. 6d.
Agamemnon. By A. W. Verrall, Litt.D. With Translation. 12s.
Choephori. By A. W. Verrall, Litt.D. With Translation. 12s.
Supplices. By T. G. Tucker, M.A. With Translation. 10s. 6d.
The Eumenides. With Verse Translation. By Bernard Drake, M.A. 5s.
Antoninus, Marcus Aurelius—Book IV. of the Meditations. With Translation. By Hastings Crossley, M.A. 6s.
Aristotle—The Politics. Books I.—V. By F. Susemihl and R. D. Hicks, M.A. 18s. net.
Constitution of Athens. By J. E. Sandys, Litt.D. 15s.
An Introduction to Aristotle's Rhetoric. By E. M. Cope. 14s.
The Sophistici Elenchi. With Translation. By E. Poste, M.A. 8s. 6d.
Attic Orators—From Antiphon to Isaeos. By R. C. Jebb, Litt.D. 2 Vols. 25s.
Babrius. By W. G. Rutherford, M.A., LL.D. 12s. 6d.
Cicero—Academica. By J. S. Reid, M.L., Litt.D. 15s.
Euripides—Iphigenia at Aulis. By E. B. England, M.A. 7s. 6d.
Medea. By A. W. Verrall, Litt.D. 7s. 6d.
Herodotus—Books I.—III. By Prof. A. H. Sayce, M.A. 16s.
Books IV.—VI. By R. W. Macan, M.A. 2 Vols. 16s. each.
Homer—Iliad. By Dr. Leaf. 2 Vols. **Books I.—XII.** 14s. **XIII.—XXIV.** 14s.
Phrynichus—The New Phrynichus. With Introduction and Commentary by Rev. W. G. Rutherford, M.A., LL.D. 18s.
Pindar—The Nemean Odes. By J. B. Bury, M.A. 12s.
Isthmian Odes. By J. B. Bury, M.A. 10s. 6d.
Plato—Phædo. By R. D. Archer-Hind, M.A. Second Edition. 8s. 6d. net.
Phædo. By W. D. Geddes, LL.D. 8s. 6d.
Timæus. By R. D. Archer-Hind, M.A. 16s.
Plautus—The Mostellaria. By William Ramsay, M.A. 14s.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

Pliny—The Elder Pliny's Chapters on the History of Art. Translated by K. Jex-Blake. With Commentary and Introduction by E. Sellers, and Notes Dr. H. L. Urlichs. 14s.
Pliny—Correspondence with Trajan. By E. G. Hardy, M.A. 10s. 6d.
Tacitus—Annals. By Prof. G. O. Holbrooke, M.A. 16s.
  The Histories. By W. A. Spooner, M.A. 16s.
Thucydides—Book IV. By W. G. Rutherford, M.A., LL.D. 7s. 6d.
  Book VIII. By H. C. Goodhart, M.A. 9s.

(2) TRANSLATIONS.

Antoninus, Marcus Aurelius, to himself. By G. H. Rendall, M.A.
Aristotle—The Politics. By Rev. J. E. C. Welldon, M.A. 10s. 6d.
  The Rhetoric. By the same. 7s. 6d.
  The Nicomachean Ethics. By the same. 7s. 6d.
  On the Constitution of Athens. Translated by E. Poste, M.A. Second Edition. 3s. 6d.
  On the Art of Poetry. A Lecture. By A. O. Prickard, M.A. 3s. 6d.
  The Poetics. Translated by S. H. Butcher, Litt. D. 10s. net.
Cicero—Select Letters. By Rev. G. E. Jeans, M.A. 10s. 6d.
  Academics. By J. S. Reid, M.A., Litt.D. 5s. 6d.
Cluentius. Translated, with Introduction and Notes, by W. Peterson, Litt. D. 5s.
The Tragedies of Euripides in English Verse. By Arthur S. Way, M.A. In 3 Vols. Vol. I. 6s. net.
Herodotus—The History. By G. C. Macaulay, M.A. 2 Vols. 18s.
Homer—Odyssey. By Prof. S. H. Butcher, M.A., and A. Lang, M.A. 6s.
  Iliad. By A. Lang, M.A., W. Leaf, Litt. D., and E. Myers, M.A. Map. 12s. 6d.
  The Odyssey. Books I.—XII. By the Earl of Carnarvon. 7s. 6d.
Horace. By J. Lonsdale, M.A., and S. Lee, M.A. 3s. 6d.
Juvenal—Thirteen Satires. By A. Leeper, M.A. 3s. 6d.
Livy—Books XXI.—XXV. By the Rev. A. J. Church and W. J. Brodribb. 7s. 6d.
Longinus on the Sublime. By H. L. Havell, M.A. 4s. 6d.
Pindar—Odes. By Ernest Myers, M.A. Second Edition. 5s.
Plato—Republic. By J. Ll. Davies, M.A., and D. J. Vaughan. 2s. 6d. net.
  Euthyphro, Apology, Crito, and Phædo. By F. J. Church. 2s. 6d. net.
  Phædrus, Lysis, and Protagoras. By Rev. J. Wright. 2s. 6d. net.
Polybius—The Histories. By E. S. Shuckburgh, M.A. 2 Vols. 24s.
Sallust—Catiline and Jugurtha. By A. W. Pollard, B.A. 6s. **Catiline** separately. 3s.
Tacitus. By A. J. Church, M.A., and W. J. Brodribb, M.A. **History,** 6s. **Annals,** 7s. 6d.
  Agricola and Germania, 4s. 6d.
Theocritus, Moschus, and Bion. By A. Lang. 2s. 6d. net.
Virgil. By J. Lonsdale, M.A., and S. Lee, M.A. 3s. 6d.
Virgil—Æneid. By J. W. Mackail, M.A. 7s. 6d.
Xenophon, The Works of. By H. G. Dakyns, M.A. With Introduction and Notes. 4 Vols. Vols. I. and II. 10s. 6d. each. [*Vol. III. in the Press.*

CLASSICAL SERIES.

Æschines—In Ctesiphonta. By Rev. T. Gwatkin and E. S. Shuckburgh. 5s.
Æschylus—Persæ. By A. O. Pickard, M.A. 2s. 6d.
  The Seven against Thebes. By Dr. Verrall and M. A. Bayfield. 2s. 6d.
Andocides—De Mysteriis. By W. J. Hickie, M.A. 2s. 6d.
Attic Orators—Selections. By Prof. R. C. Jebb, Litt. D. 5s.
Cæsar—The Gallic War. By Rev. J. Bond and Rev. A. S. Walpole. 4s. 6d.
Catullus—Select Poems. By Rev. P. Simpson, B.A. 3s. 6d.
Cicero—The Second Philippic Oration. By Prof. J. E. B. Mayor. 3s. 6d.
  The Catiline Orations. After Halm, by Prof. A. S. Wilkins, LL.D. 2s. 6d.
  Pro Murena. By J. H. Freese, M.A. 2s. 6d.
  Pro Publio Sestio. By Rev. H. A. Holden, LL.D. 3s. 6d.
  Pro Lege Manilia. By Prof. A. S. Wilkins, Litt.D., LL.D. 2s. 6d.
  Pro Roscio Amerino. By E. H. Donkin, M.A. 2s. 6d.
  Pro Milone. By F. H. Colson, M.A. 2s. 6d.
  Select Letters. By R. Y. Tyrrell, M.A. 4s. 6d.
  The Fourth Verrine. By F. W. Hall, M.A. 3s. 6d.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

- **Demosthenes—De Corona.** By B. Drake. Revised by E. S. Shuckburgh. 3s. 6d.
  - **Adversus Leptinem.** By Rev. J. R. King, M.A. 2s. 6d.
  - **First Philippic.** By Rev. T. Gwatkin, M.A. 2s. 6d.
  - **The First Philippic and the Olynthiacs.** By John Edwin Sandys, Litt.D., &c. 5s.
- **Euripides—Hippolytus.** By J. P. Mahaffy M.A., and J. B. Bury. 2s. 6d.
- **Euripides—Iphigenia in Tauris.** By E. B. England, M.A. 3s.
  - **Medea.** By A. W. Verrall, Litt.D. 2s. 6d.
  - **Ion.** By M. A. Bayfield, M.A. 2s. 6d.
  - **Bacchae.** By R. Y. Tyrrell, M.A. 3s. 6d.
  - **Alcestis.** By M. E. Earle. 3s 6d.
  - **The Troades.** By Robert Yelverton Tyrrell, Litt.D. 2s. 6d.
- **Herodotus—Book III.** By G. C. Macaulay, M.A. 2s. 6d.
  - **Book VI.** By Prof. J. Strachan. 3s. 6d.
  - **Book VII.** By Mrs. Montagu Butler. 3s. 6d.
- **Homer—Iliad.** In 2 Vols. Edited by W. Leaf, Litt.D., and Rev. M. A. Bayfield, M.A. Vol. I. 6s. [*Vol. II. in the Press.*
  - **Iliad—The Story of Achilles.** By J. H. Pratt and Dr. Leaf. 5s.
  - **Book IX.** By J. H. Pratt and Dr. Leaf. 2s.
  - **Odyssey. Book IX.** By Prof. J. E. B. Mayor, M.A. 2s. 6d.
  - **Odyssey. Books XXI.—XXIV.** By S. G. Hamilton, M.A. 2s. 6d.
- **Horace—The Odes and Epodes.** By T. E. Page. 5s.—Separately, 2s. each.
  - **The Epodes.** Edited by T. E. Page. 2s.
  - **The Satires.** By Prof. Arthur Palmer, M.A. 5s.
  - **The Epistles and Ars Poetica.** By Prof. A. S. Wilkins, Litt.D. 5s.
- **Juvenal—Thirteen Satires.** By E. G. Hardy, M.A. 5s.
  - **Select Satires. XII.—XVI.** By Prof. J. E. B. Mayor. 4s. 6d.
- **Livy—Books II. and III.** By Rev. H. M. Stephenson, M.A. 3s. 6d.
  - **Books XXI. and XXII.** By Rev. W. W. Capes, M.A. 4s. 6d.
  - **XXIII. and XXIV.** By G. C. Macaulay, M.A. Maps. 3s. 6d.
  - **The Last Two Kings of Macedon.** By F. H. Rawlins. Maps. 2s. 6d.
- **Lucretius—Books I.—III.** By J. H. Warburton Lee, M.A. 3s. 6d.
- **Lysias—Select Orations.** By E. S. Shuckburgh, M.A. 5s.
- **Martial—Select Epigrams.** By Rev. H. M. Stephenson, M.A. 5s.
- **Ovid—Fasti.** By G. H. Hallam, M.A. 3s. 6d.
  - **Heroidum Epistulæ XIII.** By E. S. Shuckburgh, M.A. 3s. 6d.
  - **Metamorphoses—Book VIII. (Expurgated Edition).** By C. H. Keene, M.A. 2s.
  - **Metamorphoses—Books XIII. and XIV.** By C. Simmons, M.A. 3s. 6d.
- **Plato—The Republic, Books I.—V.** By T. H. Warren, M.A. 5s.
  - **Laches.** By M. T. Tatham, M.A. 2s. 6d.
  - **Crito and Phaedo.** (Chs. 57 to end.) Edited by Prof. C. H. Keene, M.A. 2s. 6d.
- **Plautus—Miles Gloriosus.** By Prof. R. Y. Tyrrell. 3s. 6d.
  - **Amphitruo.** By A. Palmer, M.A. 3s. 6d.
  - **Captivi.** By A. R. S. Hallidie, M.A. 3s. 6d.
- **Pliny's Letters—Books I. and II.** By J. Cowan, M.A. 3s. **Book III.** By Prof. J. E. B. Mayor. With Life of Pliny by G. H. Rendall, M.A. 3s. 6d.
- **Plutarch—Life of Themistocles.** By Rev. H. A. Holden, LL.D. 3s. 6d.
  - **Lives of Galba and Otho.** By E. G. Hardy, M.A. 5s.
  - **Life of Pericles.** By Rev. H. A. Holden, LL.D. 4s. 6d.
- **Polybius—The History of the Achæan League.** By W. W. Capes, M.A. 5s.
- **Propertius—Select Poems.** By J. P. Postgate, M.A. 5s.
- **Sallust—The Catilina and Jugurtha.** By C. Merivale, D.D. 3s. 6d.—Separately, 2s. each.
  - **Bellum Catulinæ.** By A. M. Cook, M.A. 2s. 6d.
- **Tacitus—Agricola and Germania.** By A. J. Church, M.A., and W. J. Brodribb, M.A. 3s. 6d.—Separately, 2s. each.
  - **The Annals, Book VI.** By A. J. Church and W. J. Brodribb. 2s.
  - **The Histories, Books I. and II.** By A. D. Godley, M.A. 3s. 6d.
  - **The Histories, Books III.—V.** By the same. 3s. 6d.
- **Terence—Hauton Timorumenos.** By E. S. Shuckburgh, M.A. 2s. 6d.—With Translation, 3s. 6d.
  - **Phormio.** By Rev. J. Bond, M.A., and Rev. A. S. Walpole, M.A. 2s. 6d.
  - **Adelphœ.** By S. G. Ashmore. 3s. 6d.
- **Thucydides—Book II.** By E. C. Marchant, M.A. 3s. 6d.
  - **Book IV.** By C. E. Graves, M.A. 3s. 6d.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

Thucydides—Book V. By C. E. Graves, M.A. 3s. 6d.
  Book VI. By E. C. Marchant. 3s. 6d.
  Books VI. and VII. By P. Frost, M.A. 3s. 6d.
  Book VII. By E. C. Marchant, M.A. 3s. 6d.
  Book VIII. By T. G. Tucker, M.A. 3s. 6d.
Virgil—Æneid. Books I.—VI. By T. E. Page, M.A. 6s.
  II. and III. By E. W. Howson, M.A. 2s.
Xenophon—Hellenica. Books I. and II. By H. Hailstone, M.A. 2s. 6d.
  Hiero. By Rev. H. A. Holden, M.A., LL.D. 2s. 6d.
  Œconomicus. By the same. With Lexicon. Fifth Edition. 5s.
  Cyropædia. Books VII. and VIII. By Alfred Goodwin, M.A. 2s. 6d.
  Anabasis. Books I.—IV. By W. W. Goodwin and J. W. White. 3s. 6d.
  Memorabilia Socratis. By A. R. Cluer, B.A. 5s.

GREEK AND LATIN GRAMMAR AND LANGUAGE.

The Student's Companion to Latin Authors. By George Middleton, M.A., and T. R. Mills, M.A. 6s.
An Introduction to Latin Textual Emendation, based on the Text of Plautus. By W. M. Lindsay, M.A. 3s. 6d.
Meissner's Latin Phraseology. Translated by H. W. Auden, M.A. 4s. 6d.
A Grammar of the Latin Language, from Plautus to Suetonius. By H. J. Roby, M.A. Two Parts. Part I. 9s. Part II. 10s. 6d.
School Latin Grammar. By the same. 5s.
An Elementary Latin Grammar. By H. J. Roby and A. S. Wilkins. 2s. 6d.
Latin Grammar. By B. L. Gildersleeve and G. Lodge. Third Edition. 6s.
Hints towards Latin Prose Composition. By A. W. Potts, M.A., LL.D. 3s.
Passages for Translation into Latin Prose. By the same. 2s.—Key, 2s. 6d. net.
Latin Prose Exercises based upon Cæsar's Gallic War. By C. Bryans, M.A. 2s. 6d. —Key, 4s. 6d. net.
Latin Prose after the best Authors. By F. P. Simpson, B.A. **Cæsarian Prose.** 2s. 6d. —Key, 5s. net.
Sermo Latinus. A Short Guide to Latin Prose Composition. By J. P. Postgate, Litt.D. 2s. 6d.—Key, 4s. 6d. net.
Latin Elegiac Verse Composition. By J. H. Lupton, M.A. 2s. 6d.—Key, 3s. 6d. net.
Latin Lyric Verse Composition. By the same. 3s.—Key, 4s. 6d. net.
Greek Grammar. By Prof. W. W. Goodwin, LL.D. New Edition, 1894. 6s.
First Greek Grammar. By Rev. W. G. Rutherford, LL.D. In Two Parts. **I. Accidence.** 2s. **II. Syntax.** 2s. Or in one Vol. 3s. 6d.
Syntax and the Moods and Tenses of the Greek Verb. By Prof. W. W. Goodwin, LL.D. New Edition. 14s.
A Greek Grammar for Schools and Colleges. By James Hadley. Revised by F. de Forest Allen. 6s.
The New Phrynichus. Being a Revised Text of the Ecloga of the Grammarian Phrynichus, with Introduction. By W. G. Rutherford, LL.D. 18s.
Parallel Passages for Translation from Greek into English and English into Greek. By Rev. Ellis Mackie, M.A. 4s. 6d.
A Short Manual of Comparative Philology for Classical Students. By P. Giles, M.A. 10s. 6d.
Homeric Dictionary. By Dr. G. Autenreith. Translated by Dr. Keep. 6s.

CLASSICAL LITERATURE AND ANTIQUITIES.

Handbook of Greek Sculpture. By Ernest A. Gardner, M.A. Illustrated. 10s. Or in Two Parts, 5s. each.
History of Greece. By Professor A. Holm. Authorized translation revised by F. Clarke, M.A. 4 Vols. Vols. I., II., and III. 6s. net each. [*Vol. IV. in the Press*
A History of Greek Art. By Professor F. B. Tarbell. 6s.
Select Passages from Ancient Writers Illustrative of the History of Greek Sculpture. Edited by H. Stuart Jones, M.A. 7s. net.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

Life in Ancient Egypt. By A. Erman. Translated by H. M. Tirard. Illustrated. 21s. net.
Atlas of Classical Antiquities. By T. Schreiber. English Text by W. C. F. Anderson. With Preface by Prof. Percy Gardner. 21s. net.
Mythology and Monuments of Ancient Athens. By M. de G. Verrall and Jane E. Harrison. Illustrated. 16s.
Growth and Influence of Greek Poetry. By Prof. R. C. Jebb, Litt.D., M.P. 7s. net.
Attic Orators—From Antiphon to Isaeus. Second Edition. By R. C. Jebb, Litt.D. 2 Vols. 25s.
Some Aspects of the Greek Genius. By Prof. S. H. Butcher, Litt.D., LL.D. Second Edition. 7s. net.
Social Life of the Greeks. By Rev. J. P. Mahaffy, D.D. I. **Social Life in Greece.** 9s. II. **Greek Life and Thought.** 12s. 6d. III. **Greek World under Roman Sway.** 10s. 6d.
Rambles and Studies in Greece. Illustrated. By the same. 10s. 6d.
History of the Ptolemies. By the same. 12s. 6d.
A History of Classical Greek Literature. By the same. 2 Vols. Vol. I. **The Poets**, with an Appendix on Homer by Prof. Sayce. In Two Parts. 4s. 6d. each. Vol. II. **The Prose Writers.** In Two Parts. 4s. 6d. each.
A Survey of Greek Civilisation. By Professor J. P. Mahaffy, D.D., D.C.L.(Oxon.). 6s.
History of Rome to the Battle of Actium. By Evelyn S. Shuckburgh, M.A. 8s. 6d.
A History of the Later Roman Empire from Arcadius to Irene, A.D. 395 to 800. By John B. Bury, M.A. 2 Vols. 32s.
A Companion to School Classics. By Dr. Gow. 6s.
Latin Poetry. By Prof. R. Y. Tyrrell, M.A. 7s. net.
The City State of the Greeks and Romans. By W. Warde Fowler, M.A. 5s.
A Primer of Roman Antiquities. By Prof. Wilkins, Litt.D., LL.D. 1s.
A Primer of Greek Antiquities. By Prof. Mahaffy. Illustrated. 1s.
A Primer of Roman Literature. By Prof. A. S. Wilkins, Litt.D. 1s.
A Primer of Greek Literature. By Prof. R. C. Jebb, Litt.D., M.P. 1s.

ENGLISH LITERATURE.

Early English Literature. By Rev. Stopford Brooke. 2 Vols. 20s. net.
English Literature from A.D. 670 to A.D. 1832. By Stopford A. Brooke, M.A. Partly Re-written and Largely Revised and Corrected. 3s. 6d.
A Primer of English Literature. By the same. 1s.
A History of Elizabethan Literature, 1560-1665. By Prof. G. Saintsbury. 7s. 6d.
A History of Eighteenth Century Literature, 1660-1780. By E. Gosse. 7s. 6d.
A History of Nineteenth Century Literature, 1780-1895. By Prof. G. Saintsbury. 7s. 6d.
Chronological Outlines of English Literature. By F. Ryland. 6s.
English Prose Selections. Edited by Henry Craik, C.B., LL.D. Vol. I. Fourteenth to Sixteenth Century. Vol. II. Sixteenth Century to the Restoration. Vol. III. The Seventeenth Century. Vol. IV. Eighteenth Century. 7s. 6d. each Vol. Vol. V. Nineteenth Century. 8s. 6d.
A Shakespearian Grammar. By Rev. E. A. Abbott, D.D. 6s.
Historical Lessons in English Syntax. By Dr. L. Kellner. 6s.
Historical Outlines of English Accidence. By R. Morris, LL.D. New Edition, revised by L. Kellner, Ph.D., and Henry Bradley, M.A. 6s.

HISTORY.

A Lecture on the Study of History. By the Right Hon. Lord Acton, LL.D., D.C.L. 2s. 6d.
The American Commonwealth. By Right Hon. J. Bryce, M.P. 2 Vols. 25s.
Old English History. By E. A. Freeman, D.C.L., LL.D. New Edition. 6s.
History of the English People. By the same. 4 Vols. 16s. each.
A Short History of the English People. By the same. With Maps, 8s. 6d. Also in Four Parts, with "Analysis." 3s. each. (1) 607-1265; (2) 1265-1540; (3) 1540-1689; (4) 1660-1873.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

MORAL AND MENTAL PHILOSOPHY.

A Short Study of Ethics. By Charles F. D'Arcy, D.D. 5s. net.
First and Fundamental Truths. By J. McCosh, D.D., LL.D. 9s.
Outlines of the History of Ethics. By Prof. Henry Sidgwick. 3s. 6d.
The Methods of Ethics. By the same. Fifth Edition. 14s.
Handbook of Moral Philosophy. By Prof. H. Calderwood. 14th Edition. 6s.
Psychology of the Moral Self. By B. Bosanquet. 3s. 6d. net.
Handbook of Psychology. By Prof. J. M. Baldwin, M.A., LL.D.—**Senses and Intellect.** 8s. 6d. net.—**Feeling and Will.** 8s. 6d. net.
Elements of Psychology. By the same. 7s. 6d.
Outlines of Psychology. By Prof. Höffding. Trans. M. E. Lowndes. 6s.
The Principles of Psychology. By Prof. Wm. James. 2 vols. 25s. net.
Text-Book of Psychology. By the same. 7s. net.
A Text-Book of Deductive Logic for Students By P. K. Ray, D.Sc. 4s. 6d.
Principles of Empirical or Deductive Logic. By John Venn, Sc.D. 18s.
Studies and Exercises in Formal Logic. By J. M. Keynes, M.A. 10s. 6d.
The Logic of Chance. By John Venn, Sc.D., F.R.S. 10s. 6d.
Kant's Critical Philosophy for English Readers. By John P. Mahaffy, D.D., and John H. Bernard, D.D. Vol. I. The Kritik of Pure Reason Explained and Defended. 7s. 6d. Vol. II. The Prolegomena, translated, etc. 6s.
Elements of Metaphysics. By Prof. Deussen. Translated by C. M. Duff. 6s.

THEOLOGY.

The Canon of the Old Testament. By Rev. H. E. Ryle, B.D. Second Edition. 6s.
The Early Narratives of Genesis. By the same. 3s. net.
The Divine Library of the Old Testament. By A. F. Kirkpatrick, M.A. 3s. net.
A General Survey of the History of the Canon of the New Testament during the First Four Centuries. By Bishop Westcott. 10s. 6d.
Selections from the Early Christian Writers. By Rev. Prof. Gwatkin. 4s. net.
The New Testament in the Original Greek. The Text revised by B. F. Westcott, D.D., Bishop of Durham, and F. J. Hort, D.D. 2 Vols. 10s. 6d. each. Vol. I. Text. (Printed in "Macmillan Greek" 10s. net.) Vol. II. Introduction and Appendix.
The New Testament in the Original Greek for Schools. By the same. 4s. 6d. Roan, 5s. 6d. Morocco, gilt edges, 6s. 6d.
Greek Lexicon to the Greek Testament. By W. J. Hickie, M.A. 3s.
The Gospel according to St. Matthew. Greek Text with Notes by Rev. A. Sloman, M.A. 2s. 6d.
The Gospel according to St. Luke. Greek Text. Notes by Rev. John Bond, M.A. 2s. 6d.
The Acts of the Apostles. Greek Text with Notes by T. E. Page, M.A. 3s. 6d.
The Bible Word-Book. A Glossary of Archaic Words and Phrases in the Authorized Version of the Bible and the Book of Common Prayer. By W. Aldis Wright, M.A. 7s. 6d.

ARITHMETIC.

Arithmetic for Schools. By Rev. J. B. Lock, M.A. New Edition. 4s. 6d. Key to new edition in the press.
Arithmetic for Beginners. By Rev. J. B. Lock, M.A. 2s. 6d. Key, 8s. 6d.
Rules and Examples in Arithmetic. By the Rev. T. Dalton, M.A. With Answers. 2s. 6d.
Arithmetic in Theory and Practice. By J. Brooksmith, M.A. 4s. 6d. Key, 10s. 6d.
Arithmetic for Beginners. By J. and E. J. Brooksmith, B.A. 1s. 6d. Key, 8s. 6d.
Arithmetical Exercises and Examination Papers. With an Appendix containing Questions in Logarithms and Mensuration. By H. S. Hall, M.A., and S. R. Knight, B.A. 2s. 6d.
Exercises in Arithmetic for the Use of Schools. Containing more than 7000 original Examples. By S. Pedley. 5s. Also in Two Parts, 2s. 6d. each.
Arithmetic for Schools. By Barnard Smith, M.A. 4s. 6d. Key, 8s. 6d.
Arithmetic for Schools. By B. Smith, M.A. Revised and Enlarged by Prof. W. H. H. Hudson. 4s. 6d.
Higher Arithmetic and Elementary Mensuration. By P. Goyen. 5s. Key, 10s. net.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

ALGEBRA.

Elementary Algebra for Schools. By H. S. Hall, M.A., and S. R. Knight, B.A. Seventh Edition, 1897. 3s. 6d. With Answers, 4s. 6d. Key, 8s. 6d. Answers, 1s.
Algebraical Exercises and Examination Papers. By the same Authors. 2s. 6d.
Higher Algebra. By the same Authors. 7s. 6d. Key, 10s. 6d.
Elementary Algebra. By Charles Smith, M.A. 4s. 6d. Key, 8s. 6d.
A Treatise on Algebra. By the same. 7s. 6d. Key, 10s. 6d.
Algebra. For Colleges and Schools. By Isaac Todhunter, F.R.S. 7s. 6d. Key, 10s. 6d.
Algebra for Beginners. With numerous Examples. By I. Todhunter, Sc.D. New Edition, Revised and Enlarged, by Professor S. L. Loney, M.A. 3s. 6d. With Answers, 4s. 6d.
The Principles of Elementary Algebra. By N. F. Dupuis, M.A. 6s.

EUCLID AND PURE GEOMETRY

A Text-Book of Euclid's Elements. By H. S. Hall, M.A., and F. H. Stevens, M.A. Book I., 1s.; Books I. and II., 1s. 6d.; Books I.-IV. 3s.; Books I.-III., 2s. 6d.; Books II. and III., 2s.; Books III. and IV., 2s.; Books III.-VI., 3s.; Books V., VI., and XI., 2s. 6d.; Book XI., 1s.; Books I.-VI. and XI., 4s. 6d. Key to Books I.-IV., 6s. 6d. Key to VI. and XI., 3s. 6d. Key to I. to VI. and XI., 8s. 6d.
An Elementary Treatise on Modern Pure Geometry. By R. Lachlan, M.A. 9s.
The Progressive Euclid. Books I. and II. With Notes, Exercises, and Deductions. Edited by A. T. Richardson, M.A. 2s. 6d.
Introductory Modern Geometry of Point, Ray, and Circle. By W. B. Smith, A.M., Ph.D. 5s.
The Elements of Euclid. By I. Todhunter, F.R.S. 3s. 6d. Books I. and II., 1s. Key, 6s. 6d.
Exercises in Euclid. Graduated and Systematized. By W. Weeks. 2s.
Geometrical Conic Sections. By Asutosh Mukhopadhyay, M.A. 4s. 6d.
Geometrical Conics. By Charles Smith, M.A. 6s.
Geometrical Treatise on Conic Sections. By W. H. Drew, M.A. 5s.
Constructive Geometry of Plain Curves. By T. H. Eagles, M.A. 12s.

TRIGONOMETRY.

Elementary Trigonometry. Sixth Edition. By Rev. J. B. Lock, M.A. 4s. 6d. Key, 8s. 6d.
Higher Trigonometry. By the same. 4s. 6d. Both parts complete in One Vol. 7s. 6d.
Elementary Trigonometry. By H. S. Hall, M.A., and S. R. Knight, B.A. 4s. 6d. Key, 8s. 6d.
Plane Trigonometry. By I. Todhunter, F.R.S. 5s. Key, 10s. 6d.
Plane Trigonometry. By I. Todhunter, F.R.S. Revised by R. W. Hogg, M.A. 5s. Key, 10s. 6d.
A Treatise on Spherical Trigonometry. By I. Todhunter, F.R.S. 4s. 6d.
A Treatise on Spherical Trigonometry. By W. J. McClelland, M.A., and T. Preston, M.A. 8s. 6d. Or in two Parts: Part I., 4s. 6d. Part II., 5s.
Elements of Plane Trigonometry. By R. Levett and C. Davison. 6s. 6d. Or in two Parts, 3s. 6d. each.
Four-Figure Mathematical Tables for Physical Calculation. By J. T. Bottomley, M.A. 2s. 6d.

ANALYTICAL GEOMETRY.

Elements of Co-Ordinate Geometry. By S. L. Loney, M.A. Second Edition. 6s.
An Elementary Treatise on Trilinear Co-Ordinates. The Method of Reciprocal Polars, and the Theory of Projectors. By N. M. Ferrers. 6s. 6d.
Conic Sections. By C. Smith. Seventh Edition. 7s. 6d. Key, 10s. 6d.
An Elementary Treatise on Solid Geometry. By C. Smith. 9s. 6d.
The Elements of Solid Geometry. By R. B. Hayward, M.A., F.R.S. 3s.
Solid Geometry. By P. Frost, D.Sc. Third Edition. 16s.
Modern Plane Geometry. By Rev. G. Richardson, M.A., and A. S. Ramsey. 3s. 6d.
Plane Co-Ordinate Geometry. By I. Todhunter. 7s. 6d. Key, 10s. 6d.
Examples of Analytical Geometry of Three Dimensions. By I. Todhunter, F.R.S. 4s.
An Introductory Account of Certain Modern Ideas and Methods in Plane Analytical Geometry. By Charlotte A. Scott, D.Sc. 10s. net.

MACMILLAN AND CO., Ltd., London.

Macmillan & Co.'s Publications

PROBLEMS AND QUESTIONS IN MATHEMATICS.

Weekly Problem Papers. By the Rev. John J. Milne, M.A. 4s. 6d. Solutions 10s. 6d.
Companion to "Weekly Problem Papers." By the same. 10s. 6d.

HIGHER PURE MATHEMATICS.

Elliptic Functions. By A. C. Dixon, M.A. 5s.
Treatise on Bessel Functions. By Prof. A. Gray and Prof. G. B. Mathews. 14s. net.
A Treatise on the Theory of Functions. By J. Harkness, M.A., and F. Morley, M.A. 18s. net.
The Differential Calculus. An Elementary Treatise. By J. Edwards. 14s.
Differential Calculus for Beginners. By J. Edwards. 4s. 6d.
The Integral Calculus for Beginners. By J. Edwards. 4s. 6d.
A Treatise on Differential Equations. By A. R. Forsyth, M.A. 14s.
Introduction to Quaternions. By P. Kelland and P. G. Tait. 7s. 6d.
Geometry of Position. By R. H. Graham. 7s. 6d.
Differential and Integral Calculus. By A. G. Greenhill. 10s. 6d.
A Treatise on the Differential Calculus. By I. Todhunter, F.R.S. 10s. 6d. Key 10s. 6d.
A Treatise on the Integral Calculus and its Applications. By I. Todhunter, F.R.S. 10s. 6d. Key, 10s. 6d.
An Elementary Treatise on the Theory of Equations. By I. Todhunter, F.R.S. 7s. 6d.
An Elementary Treatise on Curve Tracing. By P. Frost, D.Sc. 12s.

MECHANICS.

A Treatise on Elementary Statics. By John Greaves, M.A. 5s.
Statics for Beginners. By John Greaves, M.A. 3s. 6d.
Elementary Statics. By the Rev. J. B. Lock, M.A. 3s. 6d.
Elementary Dynamics. By Rev. J. B. Lock, M.A. 3s. 6d.
Mechanics for Beginners. By the Rev. J. B. Lock, M.A. Part I. Mechanics of Solids 2s. 6d.
Dynamics of Particles and Solids. By Prof. W. M. Hicks. 6s. 6d.
Hydrostatics for Beginners. By F. W. Sanderson, M.A. 2s. 6d.
A Treatise on Hydrostatics. By A. G. Greenhill. 7s. 6d.
An Elementary Treatise on Theoretical Mechanics. By Prof. A. Ziwet. Part I. Kinematics. Part II. Introduction to Dynamics: Statics. Part III. Kinetics. 8s. 6d. net each.
Applied Mechanics. By Prof. James H. Cotterill, F.R.S. 18s.
Lessons in Applied Mechanics. By Prof. J. H. Cotterill, F.R.S., and J. H. Slade. 5s. 6d.
The Mechanics of Machinery. By A. B. W. Kennedy, F.R.S., M.Inst.C.E. 8s. 6d.
Mechanics of Hoisting Machinery. By Dr. J. Weisbach and Prof. G. Herrmann. Translated by K. P. Dahlstrom, M.E. 10s. 6d. net.
Experimental Mechanics. By Sir R. S. Ball, LL.D., F.R.S. 6s.

PHYSICS AND CHEMISTRY.

Physics for Students of Medicine. By Alfred Daniell, M.A., D.Sc. 4s. 6d.
Units and Physical Constants. By J. D. Everett. New Edition. 5s.
Applications of Dynamics to Physics and Chemistry. By Prof. J. J. Thomson. 7s. 6d.
Physics for Public Schools. By C. Fessenden. 3s.
A Graduated Course of Natural Science. Experimental and Theoretical. By B. Loewy, F.R.A.S. Part I. First Year's Course. 2s. Part II. 2s. 6d.
Lessons in Elementary Physics. By Prof. Balfour Stewart. 4s. 6d. Questions. 2s.
Lessons in Elementary Practical Physics. By Prof. Balfour Stewart, F.R.S., and W. W. Haldane Gee, B.Sc. Vol. I. General Physical Processes. 6s. Vol. II. Electricity and Magnetism. 7s. 6d. Vol. III., Part I. Practical Acoustics. By C. L. Barnes, M.A., F.C.S. 3s. 6d.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

A School Course of Practical Physics. By Prof. B. Stewart, F.R.S., and W. W. Haldane Gee, B.Sc. Vol. I. Electricity and Magnetism. 2s. 6d.

An Intermediate Course of Practical Physics. By A. Schuster, F.R.S., and Dr. Charles H. Lees. 5s.

On Light. By Sir G. G. Stokes, F.R.S. 7s. 6d.

Heat. By Prof. P. G. Tait, M.A., Sec. R.S.E. 6s.

Examples in Physics. By D. E. Jones, B.Sc. 3s. 6d.

Elementary Lessons in Heat, Light, and Sound. By D. E. Jones, B.Sc. 2s. 6d.

Heat and Light. By D. E. Jones, B.Sc. 2s. 6d.

The Theory of Electricity and Magnetism: being Lectures on Mathematical Physics. By A. G. Webster, A.B., Ph.D. 14s. net.

The Theory and Practice of Absolute Measurement in Electricity and Magnetism. By Prof. A. Gray. Vol. I. 12s. 6d. Vol. II. Two Parts. 25s.

Absolute Measurement in Electricity and Magnetism. By Prof. A. Gray. 5s. 6d.

Questions and Examples in Experimental Physics, Sound, Light, and Heat, Electricity, and Magnetism. By B. Loewy, F.R.A.S. 2s.

Elementary Lessons in Electricity and Magnetism. By Prof. S. P. Thompson. 4s. 6d.

The Theory of Heat. By Thomas Preston, M.A. Illustrated. 17s. net.

Numerical Tables and Constants in Elementary Science. By Sydney Lupton, M.A., F.C.S., F.I.C. 2s. 6d.

Physical Arithmetic. By Alexander Macfarlane, D.Sc. 7s. 6d.

Inorganic and Organic Chemistry. A complete Treatise on Inorganic and Organic Chemistry. By Sir H. E. Roscoe, F.R.S., and Prof. C. Schorlemmer, F.R.S. Illustrated. Vols. I. and II. Inorganic Chemistry; Vol. I. The Non-Metallic Elements. 21s.; Vol. II. Part I. Metals. 18s.; Vol. II. Part II. Metals. 18s.; Vol. III. Organic Chemistry. Parts I., II., IV., and VI. 21s. each. Parts III. and V. 18s. each.

Lessons in Elementary Chemistry, Inorganic and Organic. By Sir H. E. Roscoe, F.R.S. 4s. 6d.

An Elementary Text-Book on Chemistry. By Prof. W. G. Mixter. 7s. 6d.

A Text-Book on Inorganic Chemistry. By Prof. Ira Remsen. 16s.

Organic Chemistry. By Prof. Ira Remsen. 6s. 6d.

Inorganic Chemistry. By Prof. Ira Remsen. 6s. 6d.

The Elements of Chemistry. By Prof. Ira Remsen. New Edition. Revised. 2s. 6d.

Lessons in Organic Chemistry. By G. S. Turpin, M.A., D.Sc. 2s. 6d.

Practical Inorganic Chemistry. By G. S. Turpin. 2s. 6d.

Analytical Chemistry. By A. Menschutkin. Translated by James Locke. 17s. net.

A Series of Chemical Problems, with Key. By T. E. Thorpe, D.Sc. Revised by W. Tate. 2s.

Practical Metallurgy and Assaying. By Arthur H. Hiorns. 6s.

A Text Book of Elementary Metallurgy for Students. By A. H. Hiorns. Second Edition. 4s. Questions. 1s.

Principles of Metallurgy. By A. H. Hiorns. 6s.

Iron and Steel Manufacture. A Text-Book for Beginners. By A. H. Hiorns. 3s. 6d.

Mixed Metals, or Metallic Alloys. By A. H. Hiorns. 6s.

Metal Colouring and Bronzing. By A. H. Hiorns. 5s.

PHYSICAL GEOGRAPHY, GEOLOGY, ETC.

Text-Book of Geology. By Sir A. Geikie, LL.D., F.R.S. Third Edition. 28s.

Class-Book of Geology. By Sir A. Geikie. 200 Illustrations. 4s. 6d.

The Ancient Volcanoes of Great Britain. By Sir Archibald Geikie, F.R.S., D.C.L. Oxf., D.Sc., etc. 2 vols. 36s. net.

Physiography. An Introduction to the Study of Nature. By T. H. Huxley. 6s.

The Planet Earth. By R. A. Gregory, F.R.A.S. 2s.

Short Studies in Earth Knowledge. Introduction to Physiography. By William Gee. Illustrated. 10s. 6d.

Elements of Crystallography for Students of Chemistry, Physics, and Mineralogy. By G. H. Williams, Ph.D. 6s.

MACMILLAN AND CO., LTD., LONDON.

Macmillan & Co.'s Publications.

BIOLOGY.

Structure and Development of Mosses and Ferns. By Prof. Douglas H. Campbell. 14s. net.

Practical Botany for Beginners. By Prof. F. O. Bower, D.Sc., F.R.S. 3s. 6d.

A Course of Practical Instruction in Botany. By the same. 10s. 6d.

Lessons in Elementary Botany. By Prof. D. Oliver, F.R.S. 4s. 6d.

A Text-Book of Physiology. By Dr. M. Foster, F.R.S. Part I. Blood: The Tissues of Movement, the Vascular Mechanism. 10s. 6d. Part II. The Tissues of Chemical Action, with their respective Mechanisms: Nutrition. 10s. 6d. Part III. The Central Nervous System. 7s. 6d. Part IV. The Senses and some Special Muscular Mechanisms. The Tissues and Mechanisms of Reproduction. 10s. 6d. **Appendix – The Chemical Basis of the Animal Body.** By A. S. Lea, M.A. 7s. 6d.

The Elements of Embryology. By Prof. M. Foster, Sec. R.S. and F. M. Balfour, F.R.S. Edited by A. Sedgwick, M.A., and W. E. Heape. 10s. 6d.

Elementary Practical Physiology and Histology. By Prof. M. Foster, M.D., Sec. R.S., etc., and J. N. Langley, M.A., F.R.S. 7s. 6d.

An Atlas of Practical Elementary Biology. By G. B. Howes. Preface by T. H. Huxley, F.R.S. 14s.

Lessons in Elementary Physiology. By T. H. Huxley. 4s. 6d. Questions. 1s. 6d.

Electro-Physiology. By Professor W. Biedermann. Translated by F. A. Welby. Vol. I. 17s. net.

A Course of Instruction in Zootomy (Vertebrata). By Prof. Parker. 8s. 6d.

Lessons in Elementary Biology. By Prof. Parker. 10s. 6d.

A Manual of Practical Histology. By W. Fearnley. Illustrated. 7s. 6d.

A Course of Practical Instruction in Elementary Biology. By T. H. Huxley, F.R.S., assisted by H. N. Martin, M.A. Revised and extended by G. B. Howes and D. H. Scott, M.A. 10s. 6d.

MEDICINE.

A System of Medicine. By Many Writers. Edited by Clifford Allbutt, M.D. Vol. I. Prolegomena and Infectious Diseases. Vol. II. Contains Infections (continued); Intoxications and Internal Parasites. 25s. net. each. Vol. III., immediately.

A System of Gynæcology. By Many Writers. Edited by Thomas Clifford Allbutt, M.A., M.D., F.R.S., and W. S. Playfair, M.D., LL.D., F.R.C.P. 25s. net.

A Text-Book of Pharmacology, Therapeutics, and Materia Medica. By T. Lauder Brunton, M.D., D.Sc., F.R.C.P., F.R.S. Adapted to the United States Pharmacopœia by Francis H. Williams, M.D., Boston, Mass. Third Edition. Adapted to the New British Pharmacopœia, 1885. With additions 1891. 21s. In Two Parts, 22s. 6d.

Tables of Materia Medica: A Companion to the Materia Medica Museum. By T. Lauder Brunton, M.D. New Edition. With Illustrations. 5s.

Elementary Practical Bacteriology. By A. A. Kanthack, M.D., and J. H. Drysdale, M.B. 4s. 6d.

Diseases of the Vermiform Appendix. By H. P. Hawkins, M.D. 7s. net.

Text-Book of Pathological Anatomy and Pathogenesis. By Prof. Ernst Ziegler, of Freiburg. Translated and Edited by Donald MacAlister, M.A., M.D., B.Sc., M.R.C.P. With Illustrations. Part I. General Pathological Anatomy. 12s. 6d. Part II. Special Pathological Anatomy. Sections I.–VIII. 12s. 6d. Sections IX.–XII. 12s. 6d.

Methods of Pathological Histology. By Dr. von Kahlden. 6s.

A Text-Book of Pathology. By Prof. D. J. Hamilton, M.B., F.R.C.S.E. With Illustrations. Vol. I. 25s. net. Vol. II., Parts I. and II. 12s. 6d. net each Part.

Lessons on Prescription and the Art of Prescribing. By W. Handsel Griffiths, Ph.D., L.R.C.P.E. 3s. 6d.

A Text-Book of General Therapeutics. By W. Hale White, M.D. 8s. 6d.

MACMILLAN AND CO., LTD., LONDON.

MURRAY'S

UNIVERSITY EXTENSION MANUALS

Edited by Professor Knight, of St. Andrews University.

THE FOLLOWING WORKS ARE NOW READY

THE STUDY OF ANIMAL LIFE. By J. Arthur Thomson, Lecturer on Zoology, School of Medicine, Edinburgh, Joint Author of the Evolution of Sex; Author of Outlines of Zoology. With many Illustrations. Crown 8vo. 5s.

THE REALM OF NATURE: A Manual of Physiography. By Dr. Hugh Robert Mill, Librarian to the Royal Geographical Society. With Nineteen Coloured Maps and Sixty-eight Illustrations. ([illegible] pp.) Crown 8vo. 5s.

AN INTRODUCTION TO MODERN GEOLOGY. By R. D. Roberts. With Coloured Maps and Illustrations. Crown 8vo. 5s.

THE ELEMENTS OF ETHICS. By John H. Muirhead, Balliol College, Oxford, Lecturer on Moral Science, Royal Holloway College, Examiner in Philosophy to the University of Glasgow. Crown 8vo. [illegible]

LOGIC, INDUCTIVE AND DEDUCTIVE. By William Minto, late Professor of Logic and Literature, University of Aberdeen. Crown 8vo. 4s. 6d.

THE FINE ARTS. By Prof. Baldwin Brown, University of Edinburgh. With Illustrations. Crown 8vo. 3s. 6d.

THE FRENCH REVOLUTION. By C. E. Mallet, Balliol College, Oxford. Crown 8vo. 3s. 6d.

THE RISE OF THE BRITISH DOMINION IN INDIA. By Sir Alfred Lyall, G.C.B., K.C.I.E. With Coloured Maps. Crown 8vo. 4s. 6d.

ENGLISH COLONIZATION AND EMPIRE. By A. Caldecott, Fellow of St. John's College, Cambridge. Coloured Maps and Plans. Crown 8vo. 3s. 6d.

THE USE AND ABUSE OF MONEY. By W. Cunningham, D.D., Fellow of Trinity College, Cambridge, Professor of Economic Science, King's College, London. Crown 8vo. 3s.

THE PHILOSOPHY OF THE BEAUTIFUL. Parts I. and II. By Professor Knight, University of St. Andrews. Crown 8vo. 3s. 6d. each Part.

THE PHYSIOLOGY OF THE SENSES. By John McKendrick, Professor of Physiology in the University of Glasgow, and Dr. Snodgrass, Physiological Laboratory, Glasgow. Crown 8vo. 4s. 6d.

OUTLINES OF ENGLISH LITERATURE. By William Renton. With Illustrative Diagrams. Crown 8vo. 3s. 6d.

FRENCH LITERATURE. By H. G. Keene, Wadham College, Oxford; Fellow of the University of Calcutta. Crown 8vo. [illegible]

GREECE IN THE AGE OF PERICLES. By A. J. Grant, King's College, Cambridge, and Staff Lecturer in History to the University of Cambridge. With Illustrations. Crown 8vo. 3s. 6d.

CHAPTERS IN MODERN BOTANY. By Patrick Geddes, Professor of Botany, University College, Dundee. With Illustrations. Crown 8vo. 3s. 6d.

THE JACOBEAN POETS. By Edmund Gosse. Crown 8vo. 3s. 6d.

THE ENGLISH NOVEL. By Professor Walter Raleigh, University College, Liverpool. Crown 8vo. 3s. 6d.

HISTORY OF RELIGION. By Allan Menzies, D.D., Professor of Biblical Criticism, University of St. Andrews. Crown 8vo. [illegible]

LATIN LITERATURE. By J. W. Mackail, formerly Fellow of Balliol College, Oxford. Crown 8vo. 3s. 6d.

SHAKSPERE AND HIS PREDECESSORS IN THE ENGLISH DRAMA. By F. S. Boas, Balliol College, Oxford. Crown 8vo. [illegible]

ELEMENTS OF PHILOSOPHY AND PSYCHOLOGY. By George Croom Robertson, late Grote Professor, University College, London. Edited by Mrs. C. A. Foley Rhys Davids, M.A., from Notes of Lectures delivered at the College, [illegible]

JOHN MURRAY, ALBEMARLE ST., LONDON, W.

CLARENDON PRESS LIST.

ENGLISH LITERATURE, Etc.

The Student's Chaucer. Being a complete Edition of his Works, edited from numerous MSS., with Introduction and Glossary, by the Rev. W. W. Skeat, Litt.D., LL.D., Ph.D., M.A. In One Vol., Crown 8vo. Cloth. 7s. 6d.

Chaucer, The Nonne Preestes Tale—The Knight's Tale. The Prologue, from the Canterbury Tales. Edited by R. Morris, LL.D. A New Edition, with Collations and Additional Notes by W. W. Skeat, Litt.D. Extra fcap. 8vo. 2s. 6d.

Shakespeare—Select Plays. Stiff covers.

Edited by W. G. Clark, M.A., and W. Aldis Wright, D.C.L.

The Merchant of Venice. 1s. **Macbeth.** 1s. 6d.
Richard the Second. 1s. 6d. **Hamlet.** 2s.

Edited by W. Aldis Wright, D.C.L.

The Tempest. 1s. 6d. **Coriolanus.** 2s. 6d.
As You Like It. 1s. 6d. Henry the Eighth. 2s.
Julius Caesar. 2s. **Twelfth Night.** 1s. 6d.
Richard the Third. 2s. 6d. King John. 1s. 6d.
King Lear. 1s. 6d. **Henry the Fifth.** 2s.
A Midsummer Night's Dream. 1s. 6d. **Much Ado about** Nothing. 1s. 6d.

Marlowe and Greene. Marlowe's Tragical History of Dr. Faustus and Greene's Honourable History of Friar Bacon and Friar Bungay. Edited by A. W. Ward, Litt.D. Crown 8vo. 6s. 6d.

Marlowe's Edward II. With Introduction, Notes, etc. By O. W. Tancock, M.A. Extra fcap. 8vo, stiff covers, 2s.; cloth, 3s.

Burke. Select Works. Edited with Introduction and Notes, by E. J. Payne, M.A.

- I. Thoughts on the Present Discontents; the Two Speeches on America. Second Edition. Extra fcap. 8vo. 4s. 6d.
- II. Reflections on the French Revolution. Second Edition. Extra fcap. 8vo. 5s.

An Anglo-Saxon Reader. In Prose and Verse. With Grammatical Introduction, Notes, and Glossary. Seventh Edition, Revised and Enlarged. By Henry Sweet, M.A., LL.D. 9s. 6d.

The Student's Dictionary of Anglo Saxon. Small 4to. 8s. 6d. net.

Specimens of Early English. A New and Revised Edition. With Introduction, Notes, and Glossarial Index.

- Part I. From Old English Homilies to King Horn (A.D. 1150 to A.D. 1300). By R. Morris. Extra fcap. 8vo. 9s.
- Part II. From Robert of Gloucester to Gower (A.D. 1298 to A.D. 1393). By R. Morris, LL.D., and W. W. Skeat, Litt.D. Third Edition, Revised. 7s. 6d.

A Book for the Beginner in Anglo-Saxon. By John Earle, M.A. Third Edition. Extra fcap. 8vo. 2s. 6d.

The Philology of the English Tongue. Fifth Edition. Newly Revised. Extra fcap. 8vo. 8s. 6d.

A Concise Etymological Dictionary of the English Language. By W. W. Skeat, Litt.D. Sixth Edition. Crown 8vo. 5s. 6d.

FRENCH AND GERMAN.

Beaumarchais Le Barbier de Séville. Edited with Introduction and Notes, by Austin Dobson. Extra fcap. 8vo. 2s. 6d.

Musset's Fantasio and On ne Badine pas avec l'Amour. Edited, with Prolegomena, Notes, etc., by W. H. Pollock. Extra fcap. 8vo. 2s.

Moliere's Les Femmes Savantes. Edited, with Notes, Glossary, etc., by Gustave Masson, B.A. Extra fcap. 8vo. Cloth, 2s. Stiff Covers, 1s. 6d.

Racine's Andromaque and Corneille's Le Menteur. By the same Editor. 2s. 6d.

Racine's Athalie and Moliere's Les Fourberies de Scapin. With Voltaire's Life of Molière. By the same Editor. 2s. 6d.

Brachet's Etymological Dictionary of the French Language. Translated by G. W. Kitchin, D.D. Crown 8vo. 7s. 6d.

Brachet and Toynbee.—A Historical Grammer of the French Language. From the French of Auguste Brachet. Rewritten and Enlarged by Paget Toynbee, M.A. Crown 8vo. 7s. 6d.

Primer of French Literature. By George Saintsbury, M.A. Extra fcap. 8vo. 2s.

Short History of French Literature. Fourth Edition. Crown 8vo. 10s. 6d.

Chamisso. Peter Schlemihl's Wundersame Geschichte. Edited with Notes and a Complete Vocabulary, by Emma S. Buchheim. Tenth Thousand. 8vo. 2s.

Heine. Harzreise. Edited, with Biographical, Historical, and Critical Introductions, Notes, etc., by C. A. Buchheim. 2s. 6d.

A History of German Literature. By Wilhelm Scheror. Translated from the Third German Edition by Mrs. F. C. Conybeare. Edited by F. Max Müller. 2 vols. 8vo. 21s. Or, separately 10s. 6d. each.

- Vol. I. From the Ancient German.
- Vol. II. 1740-1832.

A History of German Literature. from the Accession of Frederick the Great to the Death of Goethe (1740-1832). By the same. Crown 8vo. 5s.

Goethe. Egmont. A Tragedy, with Introductions, Notes, etc., by C. A. Buchheim, Phil. Doc. Fourth Edition. 3s.

Lessing. The Laokoon. With English Notes by A. Hamann, Phil. Doc., M.A. Revised, with an Introduction, by L. E. Upcott, M.A. Extra fcap. 8vo. 4s. 6d.

Nathan der Weise. With Introduction, Notes, etc., by C. A. Buchheim. 4s. 6d.

Minna von Barnhelm. A Comedy, with Introductions, Notes, etc., by the same Editor. Seventh Edition. 3s. 6d.

Schiller. Maria Stuart. By same Editor. With Introduction, Notes, etc. 3s. 6d.

London: HENRY FROWDE, Clarendon Press Warehouse, Amen Corner. E.C.

CLARENDON PRESS LIST.

GREEK.

Æschylus. In Single Plays. Extra fcap. 8vo.

I. Agamemnon. With Introduction and Notes. By Arthur Sidgwick, M.A. Fourth Edition. 3s.

II. Choephoroi. By the same Editor. 3s.

III. Eumenides. By the same Editor. New Edition. 3s.

IV. Prometheus Bound. With Introduction and Notes. By A. O. Prickard, M.A. Second Edition. 2s.

Aristophanes. In Single Plays. Edited, with English Notes, Introduction, etc., by W. W. Merry, D.D.

The Clouds. Third Edition. 3s.

The Frogs. Third Edition. [illegible]

The Wasps. 3s. 6d.

Euripides. In Single Plays. Edited with Introduction and Notes.

Alcestis. By C. S. Jerram, M.A. Fifth Edition. 2s. 6d.

Cyclops. By W. E. Long, M.A. 2s. 6d.

Hecuba. By C. H. Russell, M.A. 2s. 6d.

Helena. By C. S. Jerram, M.A. 3s.

Heracleidae. By the same Editor. [illegible]

Ion. By the same Editor. 3s.

Medea. By C. B. Heberden, M.A. Second Edition. 2s.

Bacchae. By A. H. Cruickshank, M.A. 3s. 6d.

Plato. With Introduction and Notes. By St. George Stock, M.A. Extra fcap. 8vo.

The Apology. Third Edition. 2s. 6d.

Crito. 2s.

Meno. Second Edition. 2s. 6d.

Homer. Iliad. Books I.-XII. With an Introduction and a brief Homeric Grammar and Notes. By D. B. Monro, M.A. Fourth Edition. 6s.

—— **Iliad. Books XIII.-XXIV.** With Notes. By the same Editor. Third Edition. 6s.

—— **Odyssey. Books I.-XII.** By W. W. Merry, D.D. Fiftieth Thousand. 5s.

Books I. and II. separately, each 1s. 6d.
Books VI. and VII. 1s. 6d.

Homer. Odyssey. Books XIII.-XXIV. By the same Editor. Fifteenth Thousand. [illegible]

—— **Odyssey. Books VII.-XII.** By the same Editor. Extra fcap. 8vo. 3s.

Demosthenes. Orations against Philip. With Introduction and Notes, by Evelyn Abbott, M.A., and P. E. Matheson, M.A.

Vol. I. **Philippic I. Olynthiacs I.-III.** Third Edition. Extra fcap. 8vo. [illegible]

Vol. II. **De Pace, Philippic II., De Chersoneso, Philippic III.** Extra fcap. 8vo. 4s. 6d.

—— **Philippics** only, reprinted from the above. 2s. 6d.

Sophocles. Edited, with Introductions and English Notes, by Lewis Campbell, M.A. and Evelyn Abbott, M.A. New Edition. 2 vols. Extra fcap. 8vo. 10s. 6d.

Sold separately: Vol. I., Text, 4s. 6d.; Vol. II., Notes, 6s. Or in single Plays, [illegible]

Oedipus Rex. Dindorf's Text. With Notes by the present Bishop of St. David's. Extra fcap. 8vo. limp. 1s. 6d.

Liddell and Scott — A Greek-English Lexicon, by H. G. Liddell, D.D., and Robert Scott, D.D. Seventh Edition, revised and augmented throughout. 4to. [illegible]

—— **An Intermediate Greek-English** Lexicon, founded upon the Seventh Edition of the above. Small 4to. [illegible]

—— **A Greek-English Lexicon.** Abridged from Liddell and Scott's 4to edition. Square 12mo. 7s. 6d.

The Principles of Sound and Inflexion as illustrated in the Greek and Latin Languages. By J. E. King, M.A., and Christopher Cookson, M.A. 8vo. [illegible]

—— **A Grammar of the Homeric Dialect.** By D. B. Monro, M.A. Second Edition. 8vo. 14s.

King and Cookson. An Introduction to the Comparative Grammar of Greek and Latin. By J. E. King, M.A., and C. Cookson, M.A. Extra fcap. 8vo. [illegible]

Spurrell. Notes on the Text of the Book of Genesis. By G. J. Spurrell, M.A. Second Edition. Crown 8vo. 12s. 6d.

Rolleston and Jackson. Forms of Animal Life. A Manual of Comparative Anatomy, with descriptions of selected types. By George Rolleston, M.D., F.R.S. Second Edition, Revised and Enlarged by W. Hatchett Jackson, M.A. Medium 8vo. £1 16s.

Stephens. The Principal Speeches of the Statesmen and Orators of the French Revolution, 1789-1795. With Introductions, Notes, etc. By H. Morse Stephens, M.A. 2 vols. Crown 8vo. [illegible]

Stubbs. Select Charters and other Illustrations of English Constitutional History, from the Earliest Times to the Reign of Edward I. Arranged and Edited by W. Stubbs, D.D. Fourth Edition. [illegible]

Full Clarendon Press Catalogues Free on Application.

London: HENRY FROWDE. Clarendon Press Warehouse. Amen Corner, E.C.

CLARENDON PRESS LIST.

LATIN.

Cicero. Selected Letters. With Notes. By the late C. E. Prichard, M.A., and E. R. Bernard, M.A. Second Edition. 3s.

Cornelius Nepos. With Notes by Oscar Browning, M.A. Third Edition. Revised by W. R. Inge, M.A. Extra fcap. 8vo. 3s.

Horace. With a Commentary. (In a size suitable for the use of schools.) Vol. I. The Odes, Carmen Seculare, and Epodes. By E. C. Wickham. Extra fcap. 8vo. 6s.

Juvenal. Thirteen Satires. Edited with Introduction and Notes, by C. H. Pearson, M.A., and Herbert A. Strong, M.A., LL.D. Second Edition. Crown 8vo. 9s.

Livy. Books V.-VII. With Introduction and Notes, by A. R. Cluer, B.A. Second Edition. Revised by P. E. Matheson, M.A. Extra fcap. 8vo. 5s.

— **Books XXI.-XXIII.** With Introduction and Notes, by M. T. Tatham, M.A. Extra fcap. 8vo. 5s.

Propertius and Tibullus. Selections. Edited by G. G. Ramsay, M.A. Second Edition. Extra fcap. 8vo. 6s.

Tacitus. The Annals. Books I.-IV. Edited, with Introduction and Notes (for the use of Schools and Junior Students), by H. Furneaux, M.A. Extra fcap 8vo. 5s.

— **The Annals. Book.** With Introduction and Notes, by the same Editor. Extra fcap. 8vo, limp. 2s.

Virgil. With an Introduction and Notes. By T. L. Papillon, M.A., and A. E. Haigh, M.A. 2 vols. Crown 8vo, cloth, 6s. each; or, stiff covers, 3s. 6d. each.

— **Aeneid. Books I.-III.; IV. VI.; VII. IX.; X. XI.** By the same Editors. Crown 8vo, stiff covers, 2s. each.

A Short Historical Latin Grammar. By W. M. Lindsay, M.A. Crown 8vo. 5s. 6d.

Latin Prose Versions. Contributed by various Scholars. Edited by George G. Ramsay, M.A., LL.D., Litt.D. 5s.

A Latin Dictionary, founded on Andrews' edition of Freund's Latin Dictionary, revised, enlarged, and in great part rewritten by Charlton T. Lewis, Ph.D., and Charles Short, LL.D. 4to. 25s.

A School Latin Dictionary. By Charlton T. Lewis, Ph.D. Small 4to. 18s.

Passages for Translation into Latin. Selected by J. Y. Sargent, M.A. Seventh Edition. Extra fcap. 8vo. 2s. 6d.

. A Key to the above, price 5s. net. Supplied *to teachers only*, on application to the Secretary, Clarendon Press.

Latin Prose Composition. By G. G. Ramsay, LL.D. Extra fcap. 8vo.

Vol. I. **Syntax. Exercises with Notes.** etc. 4s. 6d.

Vol. II. **Passages of Graduated** Difficulty for Translation into Latin, together with an Introduction on Continuous Prose. 4s. 6d.

. A Key to Vol. I. of the above, price 5s. net. Supplied *to teachers only*.

Hints and Helps for Latin Elegiacs. By H. Lee Warner, M.A. 3s. 6d. Key for Tutors only. 4s. 6d. net.

An Introduction to the Comparative Grammar of Greek and Latin. By J. E. King, M.A., and C. Cookson, M.A. 5s. 6d.

Models and Exercises in Unseen Translation. By H. F. Fox, M.A., and T. M. Bromley, M.A. Extra fcap. 8vo. 5s. 6d.

. A Key to passages quoted in the above for Teachers only. 6d.

An Introduction to Latin Syntax. By W. S. Gibson, M.A. Extra fcap. 8vo. 2s.

Auglice Reddenda: or, Extracts, Latin and Greek for Unseen Translation. By C. S. Jerram, M.A. Fourth Edition. Extra fcap. 8vo. 2s. 6d.

— **Second Series.** By the same Editor. 3s.

— **Third Series.** By the same Editor. 3s.

LAW.

Law and Custom of the Constitution. In Two Parts. By Sir W. R. Anson, D.C.L.

Part I. **Parliament.** 8vo. 12s. 6d.

Part II. **The Crown.** 8vo. 14s.

Principles of the English Law of Contract, and of Agency in its Relation to Contract. By Sir W. R. Anson, D.C.L. Eighth Edition. 8vo. 10s. 6d.

An Essay on Possession in the Common Law. By Sir F. Pollock, M.A., and Sir R. S. Wright, D.C.L. 8vo. 8s. 6d.

Contract of Sale in the Civil Law. By J. B. Moyle, D.C.L. 8vo. 10s. 6d.

International Law. By W. E. Hall, M.A. Fourth Edition. 8vo. [illegible]

A Treatise on the Foreign Powers and Jurisdiction of the British Crown. By W. E. Hall, Barrister-at-Law. 8vo. 10s. 6d.

An Introduction to the History of the Law of Real Property. By Kenelm E. Digby, M.A. Fourth Edition. 8vo. 12s. 6d.

Elements of Jurisprudence. By T. E. Holland, D.C.L. 8vo. 10s. 6d.

The Theory of the State. By J. K. Bluntschli. Translated from the Sixth German Edition. Second Edition, Revised. Crown 8vo, half bound. 8s. 6d.

The Institutes of Justinian. Edited as a Recension of the Institutes of Gaius, by T. E. Holland, D.C.L. Second Edition. 5s.

Full Clarendon Press Catalogues free on application.

London: HENRY FROWDE, Clarendon Press Warehouse, Amen Corner, E.C.

CLARENDON PRESS LIST.

PHILOSOPHY, LOGIC, Etc.

Berkeley Selections. With Introduction and Notes. For the Use of Students in the Universities. By Alexander Campbell Fraser, LL.D. Fourth Edition. Crown 8vo. 8s. 6d.

Green. Prolegomena to Ethics. By T. H. Green, M.A. Edited by A. C. Bradley, M.A. Third Edition. 8vo. 12s. 6d.

The Works of Joseph Butler. Edited by the Right Hon. W. E. Gladstone. Divided into Sections. With Sectional Headings; an Index to each volume; and some Occasional Notes. Also Prefatory Matter. Vol. I. Analogy, etc. Vol. II. Sermons, etc. Vol. III. Subsidiary Studies. Demy 8vo.—Vols. I. and II., 28s.; Vol. III., 10s. 6d. Crown 8vo.—Vols. I. and II., 10s. 6d.; Vol. III., 4s. 6d.

Fowler. The Elements of Deductive Logic, designed mainly for the Use of Junior Students in the Universities. By T. Fowler, D.D. Tenth Edition, with a Collection of Examples. Extra fcap. 8vo. 3s. 6d.

—The Elements of Inductive Logic, designed mainly for the Use of Students in the Universities. Sixth Edition. Extra fcap. 8vo. 6s.

Hegel. The Logic of Hegel. Translated from the Encyclopaedia of the Philosophical Sciences. With Prolegomena to the Study of Hegel's Logic and Philosophy. By William Wallace, M.A., LL.D. Second Edition. Revised and Augmented. 2 vols. Crown 8vo. 10s. 6d. each.

Hegel's Philosophy of Mind. Translated from the Encyclopaedia of the Philosophical Sciences. With Five Introductory Essays. By William Wallace, M.A., LL.D. Crown 8vo. 10s. 6d.

Hume's Treatise of Human Nature. Reprinted from the Original Edition in Three Volumes, and Edited by L. A. Selby-Bigge, M.A. Crown 8vo. 9s.

— Enquiry Concerning the Human Understanding, and an Enquiry concerning the Principles of Morals. Edited by L. A. Selby-Bigge, M.A. Crown 8vo. 7s. 6d.

Locke's Conduct of the Understanding. Edited by T. Fowler, D.D. Third Edition. Extra fcap. 8vo. 2s. 6d.

Lotze's Metaphysics, in Three Books; Ontology, Cosmology, and Psychology. English Translation. Edited by B. Bosanquet, M.A. Second Edition. 2 vols. Crown 8vo. 12s.

Locke—An Essay Concerning Human Understanding. By John Locke. Collated and Annotated with Prolegomena, Biographical, Critical, and Historical, by A. Campbell Fraser, Hon. D.C.L. and LL.D. 2 vols. 8vo. £1 12s.

Plato. A Selection of Passages from Plato for English Readers; from the Translation by B. Jowett, M.A. Edited with Introductions, by M. J. Knight. [illegible] Crown 8vo, gilt top. 12s.

MATHEMATICAL AND SCIENTIFIC.

Euclid Revised. Containing the Essentials of the Elements of Plane Geometry as given by Euclid in his first Six Books. Edited by R. C. J. Nixon, M.A. Second Edition. Crown 8vo. 6s.

Supplement to **Euclid Revised**. 6d.

Sold separately as follows:—

Book I. 1s. Books I., II. 1s. 6d.

Books I.-IV. 3s. Books V., VI. 3s.

Euclid. Geometry in Space. Containing part of Euclid's Eleventh and Twelfth Books. By R. C. J. Nixon, M.A. Crown 8vo. 3s. 6d.

Fisher. Class-Book of Chemistry. By W. W. Fisher, M.A., F.C.S. Fourth Edition. Crown 8vo. 4s. 6d.

Nixon. Elementary Plane Trigonometry. By R. C. J. Nixon, M.A. Crown 8vo. 7s. 6d.

Elementary Mechanics of Solids and Fluids. By A. L. Selby, M.A. Crown 8vo. 7s. 6d.

Elliott. An Introduction to the Algebra of Quantics. By E. B. Elliott, M.A. Demy 8vo. 15s.

An Elementary Treatise on Heat, with numerous Woodcuts and Diagrams. By Balfour Stewart, LL.D., F.R.S. Sixth Edition. Extra fcap. 8vo. [illegible]

Maxwell—An Elementary Treatise on Electricity. Edited by William Garnett, M.A. 8vo. 7s. 6d.

Hydrostatics and Elementary Hydrokinetics. By G. M. Minchin, M.A. Crown 8vo. 10s. 6d.

Practical Work in General Physics. By W. G. Woollcombe, M.A., B.Sc. Crown 8vo. [illegible]

Practical Work in Heat. By the same Author. Crown 8vo. 3s.

Practical Work in Light and Sound. By the same Author. Crown 8vo. 3s.

Practical Work in Electricity and Magnetism. By the same Author. [illegible]

Full Clarendon Press Catalogues free on application.

London: HENRY FROWDE, Clarendon Press Warehouse, Amen Corner, E.C.

CAMBRIDGE UNIVERSITY PRESS.

NEW AND STANDARD WORKS.

New Volumes of Jebb's Sophocles.

Guardian.—"The book has taken its place . . . it is the standard authority on Sophocles, and a marvel of literary finish and complete exposition."

Classical Review.—"It is the rare combination of knowledge, accuracy, and judgment, with literary subtlety, poetic insight, and lucid and cogent exposition which have made Prof. Jebb so masterly an interpreter of this great poet and finest of artists. . . . Of the Sophocles as a whole we can only add our mite to the general verdict of scholars, who place it in the first rank of extant editions of the classics."

Sophocles. Ajax. Part VII. of the Plays and Fragments. With Critical Notes, Commentary, and Translation in English Prose by R. C. Jebb, Litt.D., M.P., Regius Professor of Greek and Fellow of Trinity College in the University of Cambridge. Demy 8vo. 12s. 6d.

Sophocles. Part VIII. The Fragments of Sophocles. [*In preparation.*

Sophocles. The Text of the Seven Plays. Edited by R. C. Jebb, Litt.D., M.P. Crown 8vo. [*In preparation.*

Sophocles.—Translated into English Prose, by R. C. Jebb, Litt.D., M.P. Crown 8vo. [*In preparation.*

The Cambridge Homer. Homer's Odyssey. The Text edited in accordance with Modern Criticism, by Arthur Platt, M.A., late Fellow of Trinity College, Cambridge. Crown 8vo, cloth, 4s. 6d.; strongly half-bound, 6s.

The Cambridge Homer. Homer's Iliad. By the same Editor. Crown 8vo, cloth, 4s. 6d.; strongly half-bound, 6s.

Pindar. Olympian and Pythian Odes. With Notes Explanatory and Critical, Introductions and Introductory Essays. Edited by C. A. M. Fennell, Litt.D., late Fellow of Jesus College. Crown 8vo. 9s.

Domesday-Book and Beyond. Three Essays in the Early History of England. By F. W. Maitland, LL.D., Downing Professor of the Laws of England in the University of Cambridge, of Lincoln's Inn, Barrister-at-Law. Royal 8vo. 15s.

Athenæum.—"The advent of a new book from the pen of Professor Maitland is always an event of importance in the world of law and history. . . . There are points, no doubt, in the author's conclusions which are open to some question, and in a few—a very few—cases he may possibly be mistaken; but it is at least safe to say that Domesday students owe him a real debt of gratitude for his perfect and scrupulous candour."

The History of English Law Before the Time of Edward I. By Sir Frederick Pollock, Bart., M.A., LL.D., Corpus Professor of Jurisprudence in the University of Oxford, of Lincoln's Inn, Barrister-at-Law; and Frederick William Maitland, LL.D., Downing Professor of the Laws of England in the University of Cambridge, of Lincoln's Inn, Barrister-at-Law. 2 vols. royal 8vo. 40s.

Spectator.—"It is, perhaps, not too much to say that no more important contribution than this has been made to legal literature in this century. As a whole, we have nothing but gratitude to express for a work which goes far to redeem that neglect of its history which has too long been the scandal of English Law."

Three New Works on Educational Science.

Chapters on the Aims and Practice of Teaching. Edited by Frederic Spencer, M.A., Phil. Doc., Professor of the French Language and Literature in the University College of North Wales; formerly Chief Master on the Modern Side in the Leys School, Cambridge. Crown 8vo. 6s.

Times.—"The essays are vigorous and suggestive, and display a command of the theory and practice of education which should secure the attention of all who are interested in educational progress and reform."

Vittorino da Feltre, and Other Humanist Educators. Essays and Versions. An Introduction to the History of Classical Education. By W. H. Woodward, M.A., Christ Church, Oxford; Lecturer on Education in Victoria University, and Principal of University Training College, Liverpool. Crown 8vo. 6s.

Times.—[illegible] Mr Woodward has drawn a most engaging portrait of this great teacher—his aims, his methods, his rare personal qualities, and his disinterested devotion to high educational ideals. . . . We can very warmly commend the whole monograph as at once singularly attractive and full of instruction.

Arnold of Rugby. His School Life and Contributions to Education. Edited by J. J. Findlay, M.A., late Scholar of Wadham College, Oxford; Principal of the College of Preceptors Training College. Crown 8vo. 5s.

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane. Glasgow: 263 Argyle Street.

CAMBRIDGE UNIVERSITY PRESS.

TEXT-BOOKS SUITABLE FOR EXAMINATIONS IN 1897-98.

PITT PRESS SERIES.

AUTHOR.	WORK.	EDITOR.	PRICE.
Aristophanes	Birds, Frogs	Green	3s 6d
Euripides	Hippolytus	Hadley	2s 0d
Herodotus	Book VI.	Shuckburgh	4s 0d
Homer	Iliad, Book VI.	Edwards	2s 0d
Plato	Apology	Adam	3s 6d

Classical Review.—"The book may be pronounced a worthy representative of English scholarship."

Cicero	Philippica Secunda	Peskett	3s 6d
Horace	Epistles, Book I.	Shuckburgh	2s 6d
,,	Odes, Books I. and III.	Gow	each 2s 0d
,,	,, Books II. and IV.	,,	each 1s 6d

Guardian.—"Most admirable little books by a first-rate scholar and schoolmaster. The notes are brief, clear, accurate, and are just what would be wanted by any ordinary student of Horace. There can, to our thinking, be no question about the satisfactory character of Dr. Gow's work."

Livy	Books XXI., XXII.	Dimsdale	each 2s 6d
Vergil	Aeneid, I.-XII.	Sidgwick	each 1s 6d
,,	Complete Works, Vol. I., Text	,,	3s 6d
,,	,, Vol. II., Notes.	,,	4s 6d

Guardian.—Mr. Sidgwick's *Vergil* is, we believe, on the whole the best school edition of the poet."

Molière	L'Avare	Braunholtz	2s 6d

Guardian.—"Dr. Braunholtz has already, by his editions of 'Les Précieuses' and 'Le Misanthrope,' made good his claim to a high place amongst the students and editors of Molière. We need hardly say, therefore, that it is with no little satisfaction that we welcome the production from his pen of a further volume—the Pitt Press 'L'Avare.'"

Moliere	L'Ecole des Femmes	Saintsbury	2s 6d
,,	Le Misanthrope	Braunholtz	2s 6d
Racine	Les Plaideurs	,,	2s 0d
,,	,, *Abridged Edition.*	,,	1s 0d
Lessing	Minna von Barnhelm	Wolstenholme	*In the Press*
Schiller	Maria Stuart	Breul	2s 6d

PITT PRESS SHAKESPEARE FOR SCHOOLS.

Guardian.—"Mr. Verity is an almost ideal editor of school texts."

Educational Review.—"Probably the most complete school edition of 'The Tempest' that has ever been issued."

University Correspondent.—"It would seem that the ideal school edition of Shakespeare has at last been developed."

Shakespeare	Tempest	Verity	1s 6d
,,	King Lear	,,	*In the Press*

London : C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane. Glasgow : 263 Argyle Street.

CAMBRIDGE UNIVERSITY PRESS.

NEW AND STANDARD SCIENTIFIC WORKS.

An Introduction to Abel's Theorem and the Allied Theory, including the Theory of the Theta Functions. By H. F. Baker, M.A., Fellow of St. John's College, Cambridge, University Lecturer in Mathematics. Royal 8vo. 25s. net.

An Essay on the Foundations of Geometry. By the Hon. B. Russell, B.A., Fellow of Trinity College, Cambridge. Demy 8vo. 7s. 6d.

Elements of the Mathematical Theory of Electricity and Magnetism. By J. J. Thomson, M.A., F.R.S., Hon. Sc.D., Dublin, Fellow of Trinity College, Cambridge, Cavendish Professor of Experimental Physics in the University of Cambridge. Crown 8vo. 10s.

> *Athenaeum.* "Upon the whole, we regard this as an epoch-making book in the exposition of electro-magnetic theory. An immense amount of accurate quantitative information is compressed into the small compass of about 500 widely-printed duodecimo pages. . . . The book will well repay the careful study which it requires."

The Steam-Engine, and other Heat Engines. By J. A. Ewing, M.A., F.R.S., M.Inst.C.E., Professor of Mechanism and Applied Mechanics in the University of Cambridge. Demy 8vo. With Illustrations. 15s.

Plane Trigonometry. By S. L. Loney, M.A., late Fellow of Sidney Sussex College, Cambridge. 7s. 6d.; or in separate parts. Part I., up to and including the solution of Triangles. 5s. Part II., Analytical Trigonometry. 3s. 6d. Solutions to the Examples. 10s. 6d.

A Treatise on Plane Trigonometry. By E. W. Hobson, D.Sc., Fellow of Christ's College, and University Lecturer on Mathematics. Second Edition. Demy 8vo. 12s.

A Treatise on Elementary Dynamics. By S. L. Loney, M.A. Crown 8vo. Second Edition, enlarged. 7s. 6d. Solutions to the Examples in the above. Crown 8vo. 7s. 6d.

A Treatise on Elementary Hydrostatics. By J. Greaves, M.A., Fellow and Lecturer of Christ's College, Cambridge. Crown 8vo. 5s.

Geometrical Conics. By F. S. Macaulay, M.A., Assistant Master at St. Paul's School. Crown 8vo. 4s. 6d.

Hydrodynamics. By H. Lamb, M.A., F.R.S., Professor of Mathematics in Owens College, Manchester, formerly Fellow of Trinity College, Cambridge. Demy 8vo. 20s. net.

A Treatise on Natural Philosophy. By Lord Kelvin, LL.D., D.C.L. (Sir W. Thomson), and P. G. Tait, M.A. Part I. Demy 8vo. 16s. Part II. Demy 8vo. 18s.

Elements of Natural Philosophy. By Lord Kelvin (Sir W. Thomson) and P. G. Tait, M.A. Demy 8vo. 9s.

A Treatise on Analytical Statics. By E. J. Routh, Sc.D., F.R.S., Fellow of the University of London, Honorary Fellow of Peterhouse, Cambridge. Demy 8vo. Vol. I. Second Edition. 14s. Vol. II. 10s.

A Treatise on Geometrical Optics. By R. S. Heath, M.A. Second Edition, revised and enlarged. Demy 8vo. 12s. 6d.

An Elementary Treatise on Geometrical Optics. By R. S. Heath, M.A. Crown 8vo. Second Edition. 5s.

A Treatise on the General Principles of Chemistry. By M. M. Pattison Muir, M.A. New Edition. Demy 8vo. 15s.

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane. Glasgow: 263 Argyle Street.

CAMBRIDGE UNIVERSITY PRESS.

CAMBRIDGE NATURAL SCIENCE MANUALS.

Biological Series.

General Editor.—A. E. Shipley, M.A., Fellow and Tutor of Christ's College.

Elements of Botany. By F. Darwin, M.A., F.R.S. With numerous Illustrations. Crown 8vo. Second Edition. 4s. 6d.

Practical Physiology of Plants. By F. Darwin, M.A., F.R.S., and E. H. Acton, M.A. With Illustrations. Second Edition. Crown 8vo. 4s. 6d.

A Manual and Dictionary of the Flowering Plants and Ferns. Morphology. Natural History and Classification. Alphabetically arranged. By J. C. Willis, M.A., Gonville and Caius College. In Two Volumes. Crown 8vo. 10s. 6d.

The Vertebrate Skeleton. By S. H. Reynolds, M.A., Trinity College. Crown 8vo. With numerous Illustrations. 12s. 6d.

Physical Series.

General Editor.—R. T. Glazebrook, M.A., F.R.S., Fellow of Trinity College, Assistant Director of the Cavendish Laboratory.

Mechanics and Hydrostatics. By R. T. Glazebrook, M.A. Crown 8vo. 8s. 6d. Also in separate volumes. Part I., **Dynamics.** 4s. Part II., **Statics.** 3s. Part III., **Hydrostatics.** 3s.

Heat and Light. By R. T. Glazebrook, M.A. Crown 8vo. 5s. And separately: **Heat.** 3s. **Light.** 3s.

THE CAMBRIDGE HISTORICAL SERIES.

General Editor.—G. W. Prothero, Litt.D., Fellow of King's College, Cambridge, and Professor of History in the University of Edinburgh.

The Revolutionary and Napoleonic Era. 1789-1815. By J. H. Rose, M.A., late Scholar of Christ's College, Cambridge. With Maps and Plans. Second Edition. Crown 8vo. 4s. 6d.

Outlines of English Industrial History. By W. Cunningham, D.D., Fellow of Trinity College, Cambridge, and E. A. McArthur, Lecturer at Girton College. Crown 8vo. 4s.

The History of the Australasian Colonies. from their Foundation to the Year 1893. By E. Jenks, M.A., Fellow of King's College, Cambridge; Professor of Law in the University College, Liverpool. Second Edition. Crown 8vo. 6s.

The United States of America. 1765-1865. By Edward Channing, Assistant Professor of History in Harvard University. Crown 8vo. With three Maps. 6s.

Ireland: 1494-1868. with two Introductory Chapters. By his Honour Judge O'Connor Morris. Crown 8vo. With Map. 6s.

The Foundation of the German Empire, 1815-1871. By J. W. Headlam, M.A., Fellow of King's College, Cambridge. *In preparation.*

Other volumes will be announced shortly.

CAMBRIDGE GEOGRAPHICAL SERIES.

General Editor.—F. H. H. Guillemard, M.D., late Lecturer in Geography at the University of Cambridge.

Ethnology. By A. H. Keane, F.R.G.S., late Vice-President Anthropological Institute, Corresponding Member Italian and Washington Anthropological Societies. With numerous Illustrations. Crown 8vo. 10s. 6d.

A Geographical History of Mammals. By R. Lydekker, M.A., F.R.S. Crown 8vo. With Illustrations and Map. 10s. 6d.

A History of Ancient Geography. By the Rev. H. F. Tozer, M.A., Hon. Fellow of Exeter College, Oxford. Crown 8vo, with 10 Maps. 10s. 6d.

London: C. J. CLAY & SONS, Cambridge University Press Warehouse, Ave Maria Lane. Glasgow: 263 Argyle Street.

MESSRS. BELL'S EDUCATIONAL WORKS.

LATIN—Annotated Editions—

Cæsar : de Bello Gallico. Book I. Edited by George Long, M.A. With Vocabulary. 1s 6d.
Cæsar : de Bello Gallico. Books I.-III. ; Books IV. and V. ; Books VI. and VII. By George Long, M.A. 1s 6d each.
Cæsar : de Bello Gallico. Book VII. Edited, with Notes, by Rev. W. C. Compton, M.A. With Maps, Plans, and Illustrations. 2s 6d net.
Cicero : de Senectute and de Amicitia. By George Long, M.A. 1s 6d.
Cornelius Nepos. By J. F. Macmichael, M.A. 2s.
Horace. By A. J. Macleane, M.A. 3s 6d, or in 2 parts, 2s each.
Horace : Odes. Book I. With Notes by A. J. Macleane, M.A., and Vocabulary. 1s 6d.
Juvenal : Sixteen Satires. (Expurgated.) By Herman Prior, M.A. 3s 6d.
Livy. Books I., II., III., IV., V. By J. Prendeville. Revised by J. H. Freese, M.A 1s 6d each.
Livy. Book VI. Edited by E. S. Weymouth, M.A., and G. F. Hamilton, B.A. 2s 6d.
Livy. Book XXI. and Book XXII. By Rev. L. D. Dowdall, M.A., B.D. Each 2s.
Martial (Select Epigrams). By Paley and Stone. 4s 6d.
Ovid : Metamorphoses. Book XIII. By C. H. Keene, M.A. 2s 6d.
Ovid : Fasti. By Dr. Paley. 3s 6d, or in 3 vols., 1s 6d each.
Plautus : Trinummus, Aulularia, and Menæchmei. By Dr. Wagner. 4s 6d each.
Plautus : Mostellaria. By Professor Sonnenschein. 5s.
Sallust : Catilina and Jugurtha. By G. Long and J. G. Fraser. 3s 6d, or in 2 parts, each 2s.
Tacitus : Germania and Agricola. By the Rev. P. Frost, M.A. 2s 6d.
Terence. Edited by W. Wagner, Ph.D. 7s 6d.
Terence : Adelphi, Andria, Phormio, and Hautontimorumenos. By W. Wagner, Ph.D. 1s 6d each.
Virgil : Bucolics, Georgics, and Æneid. Books I.-IV. By the Rev. J. G. Shepherd, D.C.L. Abridged from Professor Conington's Edition. 4s 6d.
Virgil : Æneid. Books V.-XII. Abridged from Conington's Edition by H. Nettleship and W. Wagner, Ph.D. 4s 6d.
Virgil : Æneid. Book I. Conington's Edition, Abridged, with Vocabulary. 1s 6d.
Virgil. 12 vols. Professor Conington's Edition, Abridged. 1s 6d each.

GREEK—Annotated Editions—

Æschylus : Agamemnon, Choephoroe, Eumenides, Persae, Prometheus Vinctus, Septem contra Thebas. By F. A. Paley, LL.D. Each 1s 6d.
Euripides. Ion (2s.) Alcestis, Andromache, Bacchae, Hecuba, Hercules Furens, Hippolytus, Iphigenia in Tauris, Medea, Phœnissæ, Troades. By F. A. Paley, LL.D. Each 1s 6d.
Greek Testament. St Matthew, St. Mark, St. Luke, St. John, The Acts of the Apostles, 5 Sections. By J. F. Macmichael, M.A. Each 6d.
Homer : Iliad. Books I.-XII. Edited by F. A. Paley, M.A., LL.D., 4s ; or in Two Parts, Books I.-VI., 2s. 6d. Books VI.-XII., 2s 6d.
Plato : Apology of Socrates, and Crito. By W. Wagner, Ph.D. 2s 6d.
Plato : Phædo. By W. Wagner, Ph.D. 5s 6d.
Plato : Gorgias. By W. H. Thompson, D.D. 6s.
Plato : Republic. Books I. and II. By G. H. Wells, M.A. 4th Edition, with new Introduction. 5s.
Sophocles : Antigone, Electra, Oedipus Coloneus. By F. A. Paley, LL.D. Each 1s 6d.
Sophocles : Philoctetes, Trachiniae. By F. A. Paley, LL.D. 2s 6d each.
Thucydides. Edited by R. Shilleto, M.A. Book I., 6s 6d. Book II., 5s 6d.
Xenophon : Anabasis. By J. F. Macmichael, M.A. 3s 6d. Book I., 1s 6d. Books II. and III., 1s 6d. Books IV. and V., 1s 6d. Books VI. and VII., 1s 6d.
Xenophon : Cyropædia. By G. M. Gorham, M.A. 3s 6d. Books I. and II., 1s 6d. Books V. and VI., 1s 6d.
Xenophon : Hellenica. Book I. and Book II. By the Rev. L. D. Dowdall, M.A., B.D. 2s each.

London : GEORGE BELL & SONS.

BELL'S CLASSICAL TRANSLATIONS.

A New Series of Translations from the Classics. With Memoirs, Introductions, etc.
Crown 8vo. 1s. each.

Æschylus. Translated by Walter Headlam, M.A. 7 vols. (*Preparing.*)
Aristophanes: The Acharnians. Translated by W. H. Covington, B.A.
Aristophanes: The Plutus. Translated by M. C. Quinn, M.A., Lond.
Cæsar's Gallic War. Translated by W. A. M'Devitte, B.A. 2 vols. Books I.-IV. Books V.-VII.
Cicero on Friendship and on Old Age. Translated by G. H. Wells, M.A.
Demosthenes on the Crown. Translated by C. Rann Kennedy.
Euripides. Translated by E. P. Coleridge, B.A. 14 vols.
Medea, Alcestis, Heracleidæ, Hippolytus, Supplices, Troades, Ion, Andromache, Bacchæ, Hecuba, Hercules Furens, Phœnissæ, Orestes, Iphigenia in Tauris.
Horace. Translated by A. Hamilton Bryce, LL.D. 4 vols.
Odes I. and II.—**Odes** III. and IV. (with **Carmen Seculare** and **Epodes**)—**Satires**—**Epistles** and **Ars Poetica**.
Livy. Books I., II., III., IV. A Revised Translation by J. H. Freese, M.A., late Fellow of St. John's College, Cambridge. With Maps. 4 vols.
Livy. Book V. and Book VI. A Revised Translation by E. S. Weymouth, M.A.Lond. With Maps. 2 vols.
Livy. Book IX. Translated by Frances Storr, M.A.
Lucan's Pharsalia. Book I. Translated by Frederick Conway, M.A. With Memoir and Introduction.
Ovid's Fasti. Translated by H. T. Riley, B.A. 3 vols. Books I. and II. Books III. and IV. Books V. and VI.
Ovid's Tristra. Translated by H. T. Riley, B.A.
Sophocles. Translated by E. P. Coleridge, B.A. 7 vols.
Antigone, Philoctetes, Œdipus Rex, Œdipus Coloneus, Trachiniæ, Electra, Ajax.
Virgil. Translated by A. Hamilton Bryce, LL.D. 6 vols.
Bucolics, Georgics, Æneid I.-III., **Æneid** IV.-VI., **Æneid** VII.-IX., **Æneid** X.-XII.
Xenophon's Hellenics. Books I. and II. Translated by Rev. H. Dale, M.A.
Xenophon's Anabasis. Translated by Rev. J. S. Watson, M.A. 3 vols. Books I. and II. Books III., IV., and V. Books VI. and VII.

BELL'S MODERN TRANSLATIONS.

A New Series of Translations from Modern Languages. With Memoirs, Introductions, etc.
Crown 8vo. Paper Covers. 1s each.

Goethe: Egmont. Translated by Anna Swanwick.
Goethe: Iphigenia in Tauris. Translated by Anna Swanwick.
Hauff: The Caravan. Translated by S. Mendel.
Hauff: The Inn in the Spessart. Translated by S. Mendel.
Lessing: Laokoon. Translated by E. C. Beasley.
Lessing: Nathan the Wise. Translated by R. Boylan Dillon.
Lessing: Minna von Barnhelm. Translated by Ernest Bell, M.A.
Molière: The Misanthrope. Translated by C. Heron Wall.
Molière: The Doctor in Spite of Himself (Le Médecin malgré lui). Translated by C. Heron Wall.
Molière: Tartuffe; or, The Imposter. Translated by C. Heron Wall.
Molière: The Miser (L'Avare). Translated by C. Heron Wall.
Molière: The Shopkeeper turned Gentleman (Le Bourgeois Gentilhomme). Translated by C. Heron Wall.
Racine: Athalie. Translated by R. Bruce Boswell, M.A.
Racine: Esther. Translated by R. Bruce Boswell, M.A.
Schiller: William Tell. Translated by Sir Theodore Martin, K.C.B., LL.D.
Schiller: The Maid of Orleans. Translated by Anna Swanwick.
Schiller: Mary Stuart. Translated by Mellish.
Schiller: Wallenstein's Camp and the Piccolomini. Translated by James Churchill and S. T. Coleridge.
Schiller: The Death of Wallenstein. Translated by S. T. Coleridge.

London: GEORGE BELL & SONS.

MESSRS. BELL'S MATHEMATICAL BOOKS.

Arithmetic. With Examination Papers and nearly 8000 Examples. By C. Pendlebury, M.A., Senior Mathematical Master of St. Paul's School. Ninth Edition. With or without Answers, 4s. 6d. In Two Parts, 2s. 6d. each. KEY to Part II., 7s. 6d. net.

Examples in Arithmetic. By the same Author. Ninth Edition. With or without Answers, 3s.; or Part I., 1s. 6d.; Part II., 2s.

Examination Papers in Arithmetic. By the same Author. Third Edition, 2s. 6d. KEY, 5s. net.

Elementary Arithmetic. By C. Pendlebury and W. S. Beard. Third Edition. 1s. 6d.

Euclid. Books I.-VI., and part of Book XI. By Horace Deighton, M.A., Head Master of Harrison College, Barbadoes. Third Edition. 4s. 6d. Or Books I.-IV., 3s.; Books V.-XI., 2s. 6d. Or in Parts:– Book I., 1s.; I. and II., 1s. 6d.; I.-III., 2s. 6d.; III. and IV., 1s. 6d. KEY, 5s. net.

Analytical Geometry for Schools. By Rev. T. G. Vyvyan, M.A., Fellow of Gonville and Caius College, and Mathematical Master of Charterhouse. Sixth Edition. 4s. 6d.

Analytical Geometry for Beginners. Part I. The Straight Line and Circle. By Rev. T. G. Vyvyan. 2s. 6d.

Elementary Trigonometry. By Charles Pendlebury, M.A. Second Edition. 4s. 6d.

Elementary Trigonometry. By J. M. Dyer, M.A., and Rev. R. H. Whitcombe, M.A., Assistant Masters at Eton College. Second Edition, revised. 4s. 6d.

Introduction to Plane Trigonometry. By the Rev. T. G. Vyvyan. Third Edition. 3s. 6d.

Examination Papers in Trigonometry. By G. H. Ward, M.A., Assistant Master at St. Paul's School. 2s. 6d. KEY, 5s.

Conic Sections Treated Geometrically. By W. H. Besant, Sc.D., F.R.S. Ninth Edition, revised and enlarged. Crown 8vo. 4s. 6d. Solutions. Fifth Edition, revised. 5s. net.

Elementary Geometry of Conics. By C. Taylor, D.D., Master of St. John's College, Cambridge. Seventh Edition. 4s. 6d.

An Elementary Treatise on Solid Geometry. By W. Steadman Aldis, M.A. Fourth Edition. Crown 8vo. 6s.

The Elements of Applied Mathematics. Including Kinetics, Statics, and Hydrostatics. By C. M. Jessop, M.A. Second Edition. 4s. 6d.

An Elementary Treatise on Mensuration. By B. T. Moore, M.A., late Fellow of Pembroke College, Cambridge. With numerous Examples. Second Edition, revised and enlarged. With or without Answers. 3s. 6d.

Elementary Hydrostatics. By W. H. Besant, Sc.D., F.R.S. Sixteenth Edition. Crown 8vo. 4s. 6d. KEY, 5s. net.

A Treatise on Hydromechanics. By W. H. Besant, Sc.D., F.R.S. Fifth Edition. Part I., Hydrostatics. 5s.

A Treatise on Dynamics. By W. H. Besant, Sc.D., F.R.S. Second Edition. 10s. 6d.

Elementary Dynamics, for the use of Colleges and Schools. By William Garnett, M.A., D.C.L. Fifth Edition, revised. 6s.

An Elementary Treatise on Heat. By W. Garnett, M.A., D.C.L. Fifth Edition. 4s. 6d.

London: GEORGE BELL & SONS.
Cambridge: DEIGHTON, BELL & CO.

BLACKWOODS' BOOKS FOR STUDENTS.

PERIODS OF EUROPEAN LITERATURE.

Edited by PROFESSOR SAINTSBURY.

In 12 vols., Crown 8vo, 5s. *net* each.

Now Ready.

THE FLOURISHING OF ROMANCE AND THE RISE OF ALLEGORY (THE TWELFTH AND THIRTEENTH CENTURIES). By the Editor.

Other Volumes arranged for are: —**The Dark Ages.** By Professor W. P. Ker. —**The Fourteenth Century.** By F. J. Snell.—**The Transition Period.** By G. Gregory Smith.—**The Later Renaissance.** By David Hannay.—**The Augustan Ages.** By Oliver Elton.—**The Later Nineteenth Century.** By the Editor.

By Professor Campbell Fraser, LL.D.

PHILOSOPHY OF THEISM. Being the Edinburgh Gifford Lectures. 2 vols. Post 8vo. Each 7s. 6d. net.
BERKELEY. (Vol. III., Philosophical Classics for English Readers.) 3s. 6d.
LOCKE. (Vol. XV., Philosophical Classics for English Readers.) 3s. 6d.

By Professor Flint, D.D.

HISTORICAL PHILOSOPHY IN FRANCE AND FRENCH BELGIUM AND SWITZERLAND. 8vo. 21s.
THEISM. Ninth Edition. Crown 8vo. 7s. 6d.
ANTI-THEISTIC THEORIES. Fifth Edition. Crown 8vo. 10s. 6d.
VICO. (Vol. IX., Philosophical Classics for English Readers.) 3s. 6d.

By Professor Andrew, Seth, LL.D.

MAN'S PLACE IN THE COSMOS, and other Essays. Post 8vo. 7s. 6d. net.
SCOTTISH PHILOSOPHY. Second Edition. 5s.
HEGELIANISM AND PERSONALITY. Second Edition. 5s.

By Charles Douglas, M.A., D.Sc.

THE ETHICS OF JOHN STUART MILL. Post 8vo. 6s. net.
JOHN STUART MILL. A Study of his Philosophy. 4s. 6d. net.

By Professor James Seth, Cornell University, U.S.A.

A STUDY OF ETHICAL PRINCIPLES. Second Edition. 10s. 6d. net.

By Professor Caldwell, M.A., D.Sc.

SCHOPENHAUER'S SYSTEM IN ITS PHILOSOPHICAL SIGNIFICANCE. The Shaw Fellowship Lectures, 1893. Demy 8vo. 10s. 6d. net.

WILLIAM BLACKWOOD & SONS, Edinburgh and London.

H. K. Lewis's Text-Books.

HANDBOOK OF THE THEORY AND PRACTICE OF MEDICINE. By FREDERICK T. ROBERTS, M.D., B.Sc., F.R.C.P. Ninth Edition. Large 8vo, 21s.

A MANUAL OF INFECTIOUS DISEASES. By E. W. GOODALL, M.D.Lond., and J. W. WASHBOURN, M.D.Lond. Illustrated with Plates, Diagrams, and Charts. Demy 8vo. 15s.

DENTAL SURGERY FOR STUDENTS OF MEDICINE. By A. W. BARRETT, M.B. Lond., M.R.C.S., L.D.S.E. Third Edition, with Illustrations. Crown 8vo, 3s. 6d.

SURFACE ANATOMY AND LAND-MARKS. By B. C. A. WINDLE, D.Sc., M.D., M.A.Dubl., and T. MANNERS-SMITH, M.A.Cantab., M.R.C.S. Second Edition. With numerous Illustrations. Post 8vo, 3s. 6d.

THE PRINCIPLES OF BACTERIOLOGY. By A. C. ABBOTT, M.D. Third Edition, with 98 Illustrations, post 8vo, 12s. 6d. nett.

THE SURGICAL DISEASES OF CHILDREN. By D'ARCY POWER, M.A., M.B. Oxon., F.R.C.S.Eng. With Illustrations. Crown 8vo, 10s. 6d.

A MANUAL OF GYNÆCOLOGICAL PRACTICE. By Dr. A. DÜHRSSEN. With 120 Illustrations. Crown 8vo, 6s.

THE ASEPTIC TREATMENT OF WOUNDS. By Dr. C. SCHIMMELBUSCH. With Illustrations. Crown 8vo, 5s.

A TEXT-BOOK OF MORBID HISTOLOGY. By RUBERT BOYCE, M.B., M.R.C.S. Royal 8vo. With 130 Coloured Illustrations. 31s. 6d.

DISEASES OF THE NOSE AND THROAT. By F. DE HAVILLAND HALL, M.D., F.R.C.P.Lond. Crown 8vo. With 2 Coloured Plates and 59 Illustrations. 10s. 6d.

A GUIDE TO THE EXAMINATION OF THE URINE. By J. WICKHAM LEGG, F.R.C.P. Seventh Edition. With Illustrations. Fcap. 8vo, 3s. 6d.

A PRACTICAL TEXT-BOOK ON THE DISEASES OF WOMEN. By ARTHUR H. N. LEWERS, M.D.Lond., M.R.C.P.Lond. Fifth Edition. Illustrations. Crown 8vo, 10s. 6d.

A TREATISE ON DISEASES OF THE SKIN AND THEIR TREATMENT. By H. R. RADCLIFFE CROCKER, M.D.Lond., B.S., F.R.C.P. Second Edition. Large 8vo, 24s.

MEDICAL MICROSCOPY. By FRANK J. WETHERED, M.D. Illustrations. Cr. 8vo, 9s.

PUBLIC HEALTH LABORATORY WORK. By HENRY R. KENWOOD, M.B., D.P.H., F.C.S. Second Edition. Illustrations. Crown 8vo, 10s. 6d.

MEDICAL ELECTRICITY. By H. LEWIS JONES, M.D. Second Edition. Illustrated. Crown 8vo. 10s. 6d.

HANDBOOK OF DISEASES OF THE EYE AND THEIR TREATMENT. By H. R. SWANZY, A.M., M.B., F.R.C.S.I. Illustrated. Sixth Edition. Post 8vo, 12s. 6d.

ELEMENTS OF PRACTICAL MEDICINE. By ALFRED H. CARTER, M.D., F.R.C.P. Seventh Edition. Crown 8vo, 10s.

HYGIENE AND PUBLIC HEALTH. By LOUIS C. PARKES, M.D., D.P.H.Lond. Univ. Fifth Edition. Crown 8vo, 10s. 6d.

LEWIS'S POCKET MEDICAL VOCABULARY. Second Edition. Thoroughly revised. Over 300 pages. 32mo, roan, 3s. 6d.

THE SCIENCE AND ART OF MIDWIFERY. By W. T. LUSK, A.M., M.D. Fourth Edition with numerous Illustrations. 8vo, 18s.

NOTES ON THE CLINICAL EXAMINATION OF THE BLOOD AND EXCRETA. By S. COUPLAND, M.D., F.R.C.P. Third Edition. 12mo, 1s. 6d.

⁂ *Catalogue of* MR. LEWIS'S *Publications post free on application.*

LONDON: H. K. LEWIS, 136 GOWER STREET, W.C.

A. & C. BLACK'S LIST.

Surgery—Text-Book of Operative. By Dr. TH. KOCHER, Professor of Surgery and Director of the Surgical Clinic in the University of Bern. Translated by special permission of the Author from the second enlarged and Improved German Edition by HAROLD J. STILES, M.B., C.M., Senior Demonstrator of Surgery in the University of Edinburgh; Assistant Surgeon, Royal Edinburgh Hospital for Sick Children. Illustrated with 185 Cuts in Text. Super Royal 8vo. Price 20s.

Pathology and Pathological Anatomy—Text-Book of General. By Prof. RICHARD THOMA. Translated by ALEXANDER BRUCE, M.D., F.R.C.P.E., Lecturer on Pathology, Surgeons' Hall, Edinburgh, and Pathologist to the Royal Hospital for Sick Children, Edinburgh. Vol. I., with 436 Illustrations. Demy 8vo. Cloth. Price 30s.

Zoology of the Invertebrata. A Text-Book for Students. By A. E. SHIPLEY, M.A., Fellow and Assistant Tutor of Christ's College, and Demonstrator of Comparative Anatomy in the University of Cambridge. Demy 8vo. Illustrated. Price 18s. net.

Investigations on Microscopic Foams and on Protoplasm. By Prof. O. BÜTSCHLI. Translated by E. A. MINCHIN, B.A., Fellow of Merton College, Oxford. Demy 8vo. Illustrated with 12 Lithographic Plates. Price 18s. net.

Introduction to Structural Botany. (Flowering Plants.) By D. H. SCOTT, M.A., D.Sc., F.R.S., Honorary Keeper of the Jodrell Laboratory, Royal Gardens, Kew. Crown 8vo. Illustrated with 113 Figures. Third Edition. Price 3s. 6d.

Flowerless Plants, uniform with above. Second Edition. Price 3s. 6d.

Introduction to the Study of Fungi. Their Organography, Classification, and Distribution. For the use of Collectors. By M. C. COOKE, M.A., LL.D., A.L.S. Demy 8vo. Illustrated. Price 14s.

Introduction to Chemical Theory. By ALEXANDER SCOTT, M.A., D.Sc., Jacksonian Demonstrator in the University of Cambridge. Price 5s.

Life in Motion; or, Muscle and Nerve. By J. G. M'KENDRICK, Professor of Physiology in the University of Glasgow. Crown 8vo. Illustrated. New Edition. Price 2s. 6d.

Algebra. An Elementary Text-Book for the Higher Classes of Secondary Schools and for Colleges. By G. CHRYSTAL, M.A., LL.D., Professor of Mathematics in the University of Edinburgh. In 2 vols. Price, Vol. I., 10s. 6d.; Vol. II., 12s. 6d.

Electricity, Electrometer, Magnetism, and Electrolysis. By Professor CHRYSTAL and W. N. SHAW, M.A., F.R.S., Lecturer in Natural Science, and Fellow of Emanuel College, Cambridge. 4to, boards. Price 5s. net.

Light. By P. G. TAIT, M.A., Professor of Natural Philosophy in the University of Edinburgh. Second Edition. Crown 8vo. Cloth. Price 6s.

Properties of Matter. By Professor TAIT. Third Edition. Crown 8vo, Cloth. Price 7s. 6d.

Dynamics. By Professor TAIT. Crown 8vo. Cloth. Price 7s. 6d.

Introduction to the Book of Isaiah. With an Appendix containing the Undoubted Portions of the Two Chief Prophetic Writers in a Translation. By the Rev. T. K. CHEYNE, M.A., D.D., Oriel Professor of the Interpretation of Holy Scripture at Oxford, and formerly Fellow of Balliol College; Canon of Rochester. Demy 8vo. Price 24s.

Early Greek Philosophy. By JOHN BURNETT, M.A., Professor of Greek in the University of St. Andrews. Demy 8vo. Cloth. Price 10s. 6d.

Principles of Political Economy. By J. SHIELD NICHOLSON, M.A., D.Sc., Professor of Political Economy in the University of Edinburgh. Vol. I., price 15s.

Money and Monetary Problems. By Professor NICHOLSON. Third Edition. Price 7s. 6d.

Historical Progress and Ideal Socialism. By Professor NICHOLSON. Crown 8vo. Cloth. Price 1s. 6d.

The Great Didactic of John Amos Comenius. Now for the first time Englished. With Introductions, biographical and historical, by M. W. KEATINGE. Large crown 8vo. Price 7s. 6d.

A. & C. BLACK, SOHO SQUARE, LONDON.

SMITH, ELDER & CO.'S TEXT-BOOKS.

New, Re-Written, and Cheaper Edition of SCHÄFER'S "COURSE OF PRACTICAL HISTOLOGY."

Just Published. Second Edition, with numerous Illustrations. Cr. 8vo, **7s. 6d.**

A COURSE OF PRACTICAL HISTOLOGY.

By EDWARD ALBERT SCHÄFER, LL.D., F.R.S.,

Jodrell Professor of Physiology in University College.

Ellis's Demonstrations of Anatomy. Edited and Revised by G. D. THANE, Professor of Anatomy, University College, London. Eleventh Edition, with Illustrations, small 8vo, 12s. 6d.

Cleland's Directory for the Dissection of the Human Body. Third Edition. Thoroughly Revised by JOHN YULE MACKAY, M.D. Foolscap 8vo, 3s. 6d.

Heath's Directory of Practical Surgery. Third Edition. 2 vols., Royal 8vo, 32s., cloth; or half-morocco, marbled edges, 42s.

Keetley's Index of Surgery. Fourth Edition. Crown 8vo, 10s. 6d.

Cheyne's Antiseptic Surgery: its Principles, Practice, History, and Results. With 145 Illustrations, 8vo, 21s.

Bristowe's Treatise on the Theory and Practice of Medicine. Seventh Edition, 8vo, 21s.

Finlayson's Clinical Manual for the Study of Medical Cases. Third and Cheaper Edition, with many new Illustrations, Crown 8vo, 8s. 6d.

Taylor's Index of Medicine: a Manual for the Use of Senior Students and Others. With Illustrations, Crown 8vo, 12s. 6d.

Gee's Auscultation and Percussion. With Illustrations. Fourth Edition, Foolscap 8vo, 6s.

Playfair's Treatise on the Science and Practice of Midwifery. Eighth Edition, with 175 Illustrations and 6 Plates, 2 vols., Demy 8vo, 28s.

Barnes' System of Obstetric Medicine and Surgery. In 2 vols., 8vo, with numerous Illustrations. Vol. I., 18s. Vol. II., 20s.

Milnes Marshall's Vertebrate Embryology: A Text-Book for Students and Practitioners. With numerous Illustrations. 8vo, 21s.

Marshall's and Hurst's Junior Course of Practical Zoology. Fourth Edition. Revised by C. HERBERT HURST, with Illustrations, Crown 8vo, 10s. 6d.

Juler's Handbook of Ophthalmic Science and Practice. Second Edition, Revised, with numerous Illustrations, 8vo, 21s.

Farquharson's Guide to Therapeutics. Fifth Edition, Crown 8vo, 7s. 6d.

Messrs. Smith, Elder & Co. will be happy to forward a copy of their Catalogue post free on application.

London: SMITH, ELDER & CO., 15 Waterloo Place.

BLACKIE & SON, Limited.

DESCHANEL'S NATURAL PHILOSOPHY. An Elementary Treatise. By Professor A. PRIVAT DESCHANEL, of Paris. Translated and Edited by Professor J. D. EVERETT, D.C.L., F.R.S. Thirteenth Edition. Medium 8vo, cloth, 18s.; also in Parts, limp cloth, 4s. 6d. each.

- **Part I.**—Mechanics, Hydrostatics, etc.
- **Part II.**—Heat.
- **Part III.**—Electricity and Magnetism.
- **Part IV.**—Sound and Light.

ELEMENTARY TEXT-BOOK OF PHYSICS. By Prof. EVERETT, D.C.L., F.R.S. Eighth Edition. Fcap. 8vo, cloth, 3s. 6d.

A TEXT-BOOK OF ORGANIC CHEMISTRY. By A. BERNTHSEN, Ph.D. Translated by G. M'GOWAN, Ph.D. New Edition. Cloth, 7s. 6d.

AN ELEMENTARY TEXT-BOOK OF PHYSIOLOGY (*Elementary and Advanced*). By J. M'GREGOR-ROBERTSON, M.A., M.B., Lecturer in Physiology, Queen Margaret College. Fcap. 8vo, cloth, 4s.

AN ELEMENTARY TEXT-BOOK OF ANATOMY. By HENRY EDWARD CLARK, Fellow of the Faculty of Physicians and Surgeons of Glasgow. Illustrated. Crown 8vo, cloth, 5s.

HYDROSTATICS AND PNEUMATICS. By R. H. PINKERTON, B.A., Balliol College, Oxford; Lecturer, University College, Cardiff; Examiner, Glasgow University. Crown 8vo, cloth, 4s. 6d.

ELEMENTARY TEXT-BOOK OF DYNAMICS AND HYDROSTATICS (*Theoretical Mechanics, Elementary and Advanced*). By R. H. PINKERTON, B.A. Fcap. 8vo, cloth, 3s. 6d.

A TEXT-BOOK OF HEAT. By CHARLES H. DRAPER, B.A., D.Sc.Lond., Headmaster of the Boys' High School, Woolwich. Cloth, 4s. 6d.

ALGEBRA. Up to and Including Progressions and Scales of Notation. For Schools, Science Classes, Pupil-Teachers, Students, etc. By J. G. KERR, M.A. Fcap. 8vo, cloth. With Answers, 2s. 6d.; without Answers, 2s.

EUCLID'S ELEMENTS OF GEOMETRY. With Notes, Examples, and Exercises. Arranged by A. E. LAYNG, M.A., Headmaster of Stafford Grammar School; formerly Scholar of Sydney Sussex College, Cambridge. Books I. to VI., with XI., and Appendix; and a wide selection of Examination Papers. Crown 8vo, 3s. 6d.

The system of arrangement allows enunciation, figure, and proof to be all in view together. Notes and Exercises are directly appended to the propositions.

"The exercises on the definitions are specially good, and will prove most suggestive to teachers."—*Spectator*.

THE WARWICK SHAKESPEARE.—Macbeth. Edited by EDMUND K. CHAMBERS, B.A. 1s.

A FIRST FRENCH COURSE. By J. J. BEUZEMAKER, B.A. Crown 8vo, cloth, 1s. 6d.

A SECOND FRENCH COURSE. Comprising Accidence, Syntax, Exercises, Reading-lessons in Prose and Verse, Vocabularies, etc. By the late J. J. BEUZEMAKER, B.A. Crown 8vo, cloth, 2s. 6d.

A FIRST GERMAN COURSE. By A. R. LECHNER. Crown 8vo, cloth, 1s. 6d.

A SECOND GERMAN COURSE. Comprising Accidence, Syntax, Reading-lessons in Prose and Verse, Exercises, Proverbs, Vocabularies, etc. By A. H. BAUMANN, M.A. Crown 8vo, cloth, 2s. 6d.

Complete Catalogue post free on application.

London: BLACKIE & SON, Ltd., Glasgow and Dublin.

WILLIAM CLOWES & SONS, LTD.,

LAW PUBLISHERS AND BOOKSELLERS,

27 FLEET STREET, LONDON, E.C.

Second Edition, thoroughly revised. Demy 8vo, 2 vols. Cloth. 38s.

Brett's Commentaries on the Present Laws of England. By Thomas Brett, B.A., LL.B. (Lond.), late Scholar and Student of Trinity College, Dublin; Exhibitioner in Real Property and Equity; Holder of the First Certificate of Honour; Michaelmas, 1869; of the Middle Temple, Barrister-at-Law; Author of "Leading Cases in Modern Equity," and Joint Author of "Clerke and Brett's Conveyancing Acts, 1881-82."

⁂ The main idea of this book is to bring into special prominence the present and living law, and only to deal with past law, or that which is practically obsolete, so far as it is necessary to enable the reader to understand the present.

"We are glad to observe in the present edition the marks of careful revision. . . . It is a comprehensive outline of existing English law, contained in a marvellously small compass, well arranged and so contrived, by the insertion of illustrative cases and extracts, as to be interesting, instead of repulsive, to the student."—*Solicitors' Journal.*

Now ready, Third Edition, thoroughly revised. Demy 8vo. Cloth. 16s.

Brett's Leading Cases in Modern Equity. By Thomas Brett, of the Middle Temple, Barrister-at-Law, LL.B., Author of "Brett's Commentaries on the Present Laws of England." Third Edition, revised to date. By J. D. Rogers, B.C.L., of the Inner Temple, and J. M. Dixon, of the Inner Temple, Barristers-at-Law.

Specially recommended as a text-book for "The Final" by the *Solicitors' Journal.*

Cheap Edition. 1 vol. Cloth. 10s.

The History of the English Constitution. By Dr. Rudolph Gneist, Professor of Law in the University of Berlin. Translated by Philip A. Ashworth, of the Inner Temple, Esq., Barrister-at-Law.

"No foreigner has done more than Professor Gneist to examine and make clear the history and nature of the English Constitution. . . . He discusses such vital questions as 'Whither are we drifting?' How far do recent changes in the franchise accord with the old spirit of the Constitution?' What is in store for us with democracy supreme?' On such questions as these the opinion of a foreigner, who is a scholar, but no book-worm, and who has sedulously studied our institutions, is certainly much more weighty than that of most Englishmen. . . . At this time these volumes are especially instructive. They cast light on almost all the great questions of current politics."—*Times.*

⁂ *Library Edition. 2 vols. 32s.*

Third Edition, revised, with Portrait. Crown 8vo. Cloth. 7s. 6d.

The History of the English Parliament: its growth and development through a thousand years, 800-1887. By Dr. Rudolph Gneist, Author of "The History of the English Constitution." Translated by Prof. A. H. Keane, B.A., F.R.G.S.,

"It completes the vast survey of our English Institutions . . . to which so great a portion of Dr. Gneist's laborious life has been devoted."—*Daily News.*

Second Edition, revised. Crown 8vo. Cloth. 7s. 6d.

The Institutes of Justinian. Illustrated by English Law. Intended chiefly for Students at the Universities and Inns of Court. By James Williams, B.C.L., M.A., of Lincoln's Inn, Barrister-at-Law.

⁂ *In this work the Institutes are, as far as possible, compared paragraph by paragraph with English law upon the same subjects.*

"A commentary upon the Institutes, which will be of great use to candidates for legal honours at the universities." *Law Times.*

"We can hardly speak too highly of the design of this small work, and the labour bestowed upon it."—*Law Students' Journal.*

Crown 8vo. Cloth. 7s. 6d.

The Elements of Mercantile Law. For the use of Students and others. By T. E. Scrutton, M.A., LL.B., Barrister-at-Law, Author of "The Merchant Shipping Act, 1894," "Charter-Parties and Bills of Lading," The Law of Copyright," etc., and Lecturer on Common Law to the Incorporated Law Society.

London: WILLIAM CLOWES & SONS, Limited, 27 Fleet Street.

JAMES THIN'S PUBLICATIONS.

THE BEST LIBRARY EDITION OF

Burns' (Robt.) Complete Works, Poems and Prose. Edited, with Explanatory Notes, Various Readings, Glossary, and Indices by W. Scott Douglas. Illustrated with Portraits, Vignettes, and Frontispieces from Drawings by Sam Bough, R.S.A., W. E. Lockhart, R.S.A., Clark Stanton, A.R.S.A., etc. 6 vols., roy. 8vo, £2 5s. net. Published at £4 10s.)

——**Complete Poetical Works.** Edited by W. Scott Douglas. With Essay on the Life and Genius of the Poet by the late Professor John Nichol, LL.D. Illustrated with Twelve Photogravures after Drawings by Marshall Brown. 4 vols., crown 8vo, cloth, 12s.

Scoresby-Jackson (R. E.), M.D., F.R.S.E.—Note-Book of Materia Medica, Pharmacology, and Therapeutics. New Edition, thoroughly revised, by J. Rutherford Hill, Assistant Secretary to the Pharmaceutical Society, and Ralph Stockman, M.D., F.R.C.P.E., Lecturer on Materia Medica, School of Medicine, Edinburgh. Fifth Edition. Crown 8vo, cloth, 12s. 6d.

Blaikie (James), M.A.—Elements of Dynamics, Mechanics. With numerous Examples and Examination Questions. By James Blaikie, M.A., Fellow of Gonville and Caius College, Cambridge, formerly Examiner in Mathematics in the University of Edinburgh. Thirty-fifth Thousand, revised and enlarged. Post 8vo, cloth, 3s. 6d.

Hamilton (Sir William).—The Works of Thomas Reid, D.D. Active and Moral Powers; Inquiry into the Human Mind, etc. With Notes and Supplementary Dissertations by Sir William Hamilton, Bart., late Professor of Logic, University of Edinburgh. Prefaced with an Account of the Life and Writings of Reid, by Professor Dugald Stewart. 2 vols., 8vo. Ninth Edition. £1 1s.

Laurie (Prof. S. S.)—Primary Instruction in Relation to Education. Fourth Edition, enlarged, crown 8vo, cloth, 4s.

——**Institutes of Education,** comprising an Introduction to Rational Psychology, designed (partly) as a Text-Book for Universities and Colleges. Crown 8vo, cloth, 5s.

——**Lectures on Language and Linguistic Method.** Second Edition. 4s.

Edgar (John).—History of Scottish Education from Early Times to the Period of the Reformation. 8vo, cloth, 10s. 6d.

Stormonth.—The Student's Manual of Scientific Terms. Pronouncing, Etymological, and Explanatory. Chiefly comprising terms in *Botany*, *Chemistry*, *Natural History*, *Medicine*, *and Veterinary Science*. By the Rev. James Stormonth, Author of "The Etymological English Dictionary." Crown 8vo, pp. 480. Second Edition. Price 7s. 6d.

Clark (John), M.A.—Manual of Linguistics: A Concise Account of General and English Phonology. Post 8vo, cloth, 7s. 6d.

Carlyle (The Reader). Selections from the Writings of Thomas Carlyle. With Notes. Edited by Rev. James Wood, Editor of "Nuttall's Dictionary." 2 vols., crown 8vo, cloth. Price 2s. each.

EDINBURGH: JAMES THIN, University Bookseller and Publisher.
LONDON: SIMPKIN, MARSHALL & CO.

COLLINS' SCIENCE TEXT-BOOKS.

ELEMENTARY SERIES.

1 **Practical Plane and Solid Geometry.** By H. ANGEL, Islington Science School, London. New Edition, including 1896 Examination Papers. 1s. 6d.

2 **Machine Construction and Drawing.** By E. THOMKINS. Vol. I., Text, 1s. Vol. II., Plates, 1s.

4a **Naval Architecture.**—Laying off. By S. J. P. THEARLE, F.R.S.N.A., London. Vol. I., Text, 1s. Vol. II., Plates, 2s.

4b **Naval Architecture.**—Wood and Iron Shipbuilding. By S. J. P. THEARLE. Vol. I., Text, 1s. Vol. II., Plates, 2s.

6 **Dynamics.** By J. T. BOTTOMLEY. 1s. 6d.

6a **Hydrostatics.** By J. T. BOTTOMLEY. 1s. 6d.

6b **Dynamics and Hydrostatics,** 1 vol. By J. T. BOTTOMLEY. 3s.

7 **Applied Mechanics.** By H. EVERS, LL.D. 1s. 6d.

8 **Sound, Light, and Heat.** By WM. LEES, M.A. 1s. 6d.

9 **Magnetism and Electricity.** By J. ANGELL, F.C.S. 2s.

10a **Inorganic Chemistry.** By Dr. W. B. KEMSHEAD, F.R.G.S., F.G.S. 2s.

10b **Inorganic Chemistry, Lessons in.** By W. G. VALENTIN, F.C.S. 2s.

11a **Organic Chemistry.** By W. M. WATTS. 1s.

11b **Practical Chemistry.** By J. HOWARD, F.C.S. 1s. 6d.

12 **Geology.** By G. S. BOULGER, F.L.S., F.G.S. 1s. 6d.

14 **Animal Physiology.** By J. ANGELL. 1s. 6d.

15a **Botany—Anatomy and Physiology of** Plants. By Prof. BALFOUR. 1s.

15b **Botany—Systematic and Economic.** By Prof. BALFOUR. 1s.

16 **General Biology.** 124 Illustrations. By T. C. MACGINLEY. 1s. 6d.

18a **Principles of Coal Mining.** New Edition. By J. H. COLLINS, F.G.S. 1s. 6d.

18b **Principles of Metal Mining.** New Edition. By J. H. COLLINS, F.G.S. 1s. 6d.

20 **Navigation.** By W. H. BARHAM, Lieut., R.N.R. 1s. 6d.

21 **Nautical Astronomy.** By H. EVERS LL.D. 1s.

22a **Steam and the Steam Engine.**—Land and Marine. By H. EVERS, LL.D. 1s. 6d.

23 **Physical Geography.** By JOHN MACTURK, F.R.G.S. 1s.

24 **Agricultural Text-Book.** By Prof. WRIGHTSON. 2s. 6d. New Edition.

25b **Dietetics.** By E. F. WILLOUGHBY, M.B. 1s.

27 **Astronomy.** By J. I. PLUMMER. 1s.

28 **Qualitative Chemical Analysis.** By F. BEILSTEIN. 1s.

29 **Physiography.** By H. DICKIE, LL.D. 1s. 6d. With Appendix.

26 **Dairy Farming, Elements of.** By Prof. JAMES LONG. 2s.

31 **Organic Chemistry.** By I. S. SCARF, F.I.C., F.C.S. 2s.

ADVANCED SERIES.

1 **Practical Plane Geometry and Projection.** By H. ANGEL. Vol. I., Text, 4s. Vol. II., Plates, 6s.

1a **Graphical Arithmetic and Graphical** Statics. By J. Y. GRAY and G. LOWSON, M.A., B.Sc. Cloth, 3s. 6d.

2 **Machine Construction.** By E. TOMKINS. Edited by HENRY EVERS, LL.D. Vol. I., Text, 3s. 6d. Vol. II., Plates, 7s.

3 **Building Construction** — Stone and Brick. By R. S. BURN, C.E. Vol. I., Text, 2s. 6d. Vol. II., Plates, 5s.

4a **Practical Naval Architecture**—Laying off and Building Wood, Iron, and Composite Ship. By S. J. P. THEARLE. Vol. I., Text, 2s. 6d. Vol. II., Plates, 5s.

4b **Theoretical Naval Architecture.** By S. J. P. THEARLE. Vol. I., Text, 3s. 6d., Vol. II., Plates, 7s.

4c **The Modern Practice of Shipbuilding** in Iron and Steel. By S. J. P. THEARLE. Vol. I., Text, 5s. Vol. II., Plates, 10s

5a **Pure Mathematics,** including Arithmetic, Algebra, Geometry, and Plane Trigonometry. By EDWARD ATKINS, B.Sc. Vol. I., 2s. 6d. Vol. II. (5b), 2s. 6d.

8a **Acoustics, Light, and Heat.** By WM. LEES, M.A., Edinburgh. 3s.

8b **Acoustics—Sound.** By WM. LEES. 1s. 6d.

9 **Magnetism and Electricity.** By F. GUTHRIE, B.A. 3s. 6d.

10a **Inorganic Chemistry.** Vol. I., Non-Metals. By Prof. THORPE. 5s. 6d.

10b **Inorganic Chemistry.** Vol. II., Metals, By Prof. THORPE. 5s. 6d.

13a **Mineralogy.** Vol. I., General Principles. By J. H. COLLINS, F.G.S. 3s.

13b **Mineralogy.** Vol. II., Systematic and Descriptive. By J. H. COLLINS, F.G.S. 3s.

14 **Animal Physiology.** By J. CLELAND, M.D. 2s. 6d.

19a **Metallurgy.** Vol. I., Fuel, Iron, Steel, Tin, Antimony, Arsenic, Bismuth, and Platinum. By W. H. GREENWOOD, F.C.S., A.R.S.M. 3s. 6d.

19b **Metallurgy.** Vol. II., Copper, Lead, Zinc, Mercury, Silver, Gold, Nickel, Cobalt, and Aluminium. By W. H. GREENWOOD. 3s.

23 **Physical Geography.** By JOHN YOUNG, M.D. 2s. 6d.

ART SERIES.

Practical Plane Geometry, with 71 Plates and Letterpress Description. By E. S. BURCHETT, National Art Training School, South Kensington, etc. Royal 8vo, cloth, 5s.

WILLIAM COLLINS, SONS & CO., Limited, Glasgow and London.

Fifth Edition, in Crown 8vo, price 15s. cloth.

English Constitutional History.

From the Teutonic Invasion to the Present Time. Designed as a Text-Book for Students and others.

By T. P. TASWELL-LANGMEAD, B.C.L., Barrister-at-Law.
And late Professor of Constitutional Law and History, University College, London.

Fifth Edition, Revised throughout, with Notes.
By PHILIP A. ASHWORTH, Barrister-at-Law,
Translator of "*Gneist's History of the English Constitution.*"

"The work will continue to hold the field as the best class-book on the subject."—*Contemporary Review.*

Second Edition, in 8vo, enlarged, price 6s., cloth.

Leading Cases in Constitutional Law

Briefly Stated, with Introduction and Notes.

By ERNEST C. THOMAS,
Bacon Scholar of the Hon. Society of Gray's Inn, late Scholar of Trinity College, Oxford.

In 8vo, price 5s., cloth.

Theories and Criticisms of Sir Henry Maine.

By MORGAN O. EVANS, Barrister-at-Law,

Contained in his six works, "Ancient Law," "Early Law and Customs," "Early History of Institutions," "Village Communities," "International Law," and "Popular Government," **which works have to be studied for the various examinations.**

London: STEVENS & HAYNES, 13 Bell Yard, Temple Yard, W.C.

WORKS BY DR. M'CALL ANDERSON.

Professor of Clinical Medicine in the University of Glasgow.

I. **On the Treatment of Pulmonary Consumption.** With Note of a Visit to Davoz-Platz. 8vo. 1s.

II. **On the Diagnosis and Treatment of Diseases of the Stomach.** 1s.

III. **On the Curability of Attacks of Tubercular Peritonitis and Acute Phthisis.** Crown 8vo. 2s. 6d.

"Clinical histories which leave no doubt the author has successfully grappled with one of the most obstinate of maladies—Acute Tuberculosis."—*Dublin Medical Journal.*

"The cases adduced by Dr. Anderson are very striking. So far as we may judge from their description, the diagnosis of their tubercular nature was justified, and their amenability to a rational course of treatment decidedly unusual."—*The Lancet.*

IV. **Lectures on Clinical Medicine.** With Illustrations. 8vo. 10s. 6d.

CONTENTS:—Introduction—Pain as a symptom of disease—Gastric and cerebral vomiting—Hysteria—Spinal Irritation—Embolism—Disease of Pons varolii—Treatment of aneurism by Galvano-puncture—Aneurism of Abdominal aorta—Tubercular Peritonitis—Acute Phthisis (galloping consumption)—Mediastinal tumour—Granular or gouty kidney—Multiple fatty tumours complicated with aneurism—Lupus verrucosus—Ephidrosis **cruenta—Elephantiasis Arabum—Vegetable parasitic affections.**

"Very pleasant and profitable reading."—*The Lancet.*

"**A valuable addition to our medical literature.**"—***British Medical Journal.***

"We hope that it will find its way into the hands of all students throughout the kingdom who are anxious to thoroughly master their profession."—*Students' Journal and Hospital Gazette.*

V. **Illustrations of Syphilitic Diseases of the Nervous System; their Diagnosis and Treatment.** 8vo. 5s.

Studies in Clinical Medicine (shortly).

MACMILLAN & CO., LTD., LONDON. JAMES MACLEHOSE & SONS, GLASGOW.

Select List of W. & A. K. JOHNSTON'S ATLASES.

The World-Wide Atlas, containing Introduction, 2 Frontispieces, 112 Plates of Maps, Plans of Cities, etc., and Index. Royal 4to, Full-bound Cloth, price 7s. 6d. The cheapest Atlas at the price issued.

The Multum in Parvo Atlas of the World, containing 96 Maps, Political, Physical, etc. Useful Statistics and Index. Crown 16mo, Full-bound Cloth, price 2s. 6d.

COMMERCIAL.

Atlas of Commercial Geography, containing 48 Maps with Explanatory Letterpress. 8vo, Full-bound Cloth, price 8s.

HISTORICAL.

The Half-Crown Historical Atlas, containing 35 Maps, Notes, and Index. 8vo, Full-bound Cloth, price 2s. 6d.

PHYSICAL.

Atlas of Physical Geography, containing 24 Maps and Descriptive Letterpress. Imperial 4to, Half-bound 8vo, price 12s. 6d.

CLASSICAL.

The School Atlas of Classical Geography, containing 23 Maps and Index. Imperial 4to, Half-bound 8vo, price 12s. 6d.

SCRIPTURAL.

The Scripture Atlas, containing 16 Maps and Index. 4to, Full-bound Cloth, price 2s. 6d.

Complete Catalogue of Atlases, Maps, Globes, etc., Post Free on Application.

W. & A. K. JOHNSTON,

EDINA WORKS, EASTER ROAD, AND 7 HANOVER STREET, EDINBURGH;
5 WHITE HART STREET, WARWICK LANE, LONDON, E.C.

AUTOTYPES for House Decoration,

Specially suitable for Staircases and Halls.

T. & R. ANNAN & SONS.

PUBLICATIONS of Reproductions of Old Masterpieces and Modern Pictures, from the Collection of the Corporation of Glasgow and others. Amongst those Painters represented are :—

Cuyp.
Giorgione.
Van Der Goes.
Van Goyen.
Greuze.
Linnell.
Corot.
Constable.
Raphael.
Rembrandt.
Reynolds.
Ruysdael.
Jan Steen.
Teniers.
Van Ostade.
Turner.
Titian.
Wouverman.
Whistler.
Hobbema.
Vandevelde.
Geo. Morland.
Mabuse.
Orchardson.
F. Hals.
Richd. Wilson.
Gainsboro'.
Raeburn.
Sir J. Watson Gordon.
Israels.
Alma-Tadema.

Prices, 10s. 6d. and 12s. 6d. each.

Specimen Copies suitably framed may be seen at the Rooms,

230 Sauchiehall Street, Glasgow.

SELECTED LIST OF BOOKS FROM

T. NELSON & SON'S GENERAL CATALOGUE.

Books on Bible Subjects.

New Edition, now Ready. An entirely New and Valuable Work, containing the very latest Biblical Researches. Crown 8vo, cloth, price 7s. 6d.

The Illustrated Bible Treasury and Concordance to the Authorised and Revised Versions. With all the latest Biblical Researches. Edited by William Wright, D.D. With upwards of 350 Illustrations, and a New Indexed Bible Atlas.

"The best of its kind."—*Publisher's Circular.* "It has distanced all competitors."—*Literary World.* "The cheapest and best."—*Methodist Times.* "The best of all the 'Aids' to the study of the Bible."—*Expository Times.* "The volume is a noble one."—*English Churchman.* "A noble and notable book."—*Life of Faith.* "There is no book like this."—*New York Observer.*

Walker's Comprehensive Concordance to the Holy Scriptures. 5s.
Dr. Easton's "Illustrated Bible Dictionary." Revised Edition. 5s.
Dr. Macdonald's "From Day to Day." Cheap Edition. 3s. 6d.
Arnott's "Laws from Heaven for Life on Earth." 4s. 6d.
Arnott's "Parables of our Lord." 4s. 6d.
Dr. Blaikie's "Heroes of Israel." 5s.
Dr. Blaikie's "Manual of Bible History." 3s. 6d.
Dr. Miller's "Come Ye Apart." Daily Readings in the Life of Christ. 3s. 6d.
Dr. Robinson's "Simon Peter: His Life and Times." 2 vols., 3s. 6d. each.
Dr. Spencer's "A Pastor's Sketches." Complete. 2s. 6d. (Also in 2 vols., 1s. 6d. each.)
Dr. Stalker's "The New Song." 2s. 6d.
Dr. Steel's "The Shorter Catechism. With Proofs, Anecdotes etc." 2s. 6d.
Rev. A. B. Mackay's "Apples of Gold on Salvers of Silver." Being Scripture Illustrations of the Shorter Catechism. 2s. 6d.
Borrow's "The Bible in Spain." New Illustrated Edition. 4s.

Books on Bible Lands.

Palmyra and Zenobia, with Travels and Adventures in Bashan and the Desert. By Dr. William Wright. 7s. 6d.
The Land and the Book. By W. M. Thomson, D.D. Library and Presentation Edition. 3 vols. (Various bindings.)
The Land and the Book. Original Edition. 1 vol., 8vo. 7s. 6d.
Jerusalem, Bethany, and Bethlehem. By Dr. Porter. 10s. 6d.
Galilee and the Jordan. By Dr. Porter. 10s. 6d.
The Giant Cities of Bashan. By Dr. Porter. 7s. 6d.
In the Holy Land. By Dr. Andrew Thomson. 4s.
On the Desert. By Dr. H. H. Field. 4s.
Wanderings over Bible Lands and Seas. By the Author of the "Schonberg-Cotta Family." 3s. 6d.

Choice Sacred Poetry.

Ezekiel, and other Poems. By B. M. 3s. 6d.
Elijah, and other Poems. By B. M. 3s. 6d.
Hymns from the Land of Luther. By H. L. L.
Lyra Christiana. By H. L. L. [illegible]

Christian Biography.

Thomas Boston of Ettrick: His Life and Times. By Rev. A. Thomson, D.D., F.R.S.E. 2s. 6d.
The Master of Blantyre. A Memorial Sketch of the Honourable Walter Stewart; By the Author of "Memorials of Captain Hedley Vicars," etc., etc. 1s.
Bishop Ryle's "Christian Leaders of the Last Century." 7s. 6d.
Mrs. E. R. Pitman's "Lady Hymn Writers." 5s.
Heroes of the Desert. Lives of Moffat and Livingstone. By the Author of "Mary Powell." 3s. 6d.
Dr. M'Crie's "Life of John Knox." 2s.

*** *Complete Descriptive Catalogue, post free, on application.*

Published by T. NELSON & SONS, London, Edinburgh, and New York.

Sold by all Booksellers.

Messrs. MacLehose & Sons' Publications

BIOGRAPHY

Brown, J. Baldwin, Stoics and Saints,
Brown, James, D.D., Life of a Scottish Probationer,
Brown, James, D.D., Life of William B. Robertson, D.D.,
Connal, Sir Michael, Diary of,
Glaister, John, M.D., Dr. William Smellie and his Contemporaries,
King, Rev. David, Memoir of, by his Wife and Daughter,
MacLehose, Sophia H., The Story of Marie Antoinette,
Mather, George R., M.D., Two Great Scotsmen—The Brothers William and John Hunter,
Mitchell, John Oswald, LL.D., Burns and his times,
Nichol, John, LL.D., Life and Letters of,

POETRY

Aglen, Ven. Archdeacon, The Odes of Horace,
Birrell, C. J. Ballingall, Two Queens,
Buchanan, David, Poems,
Freeland, William, A Birth Song and other Poems,
Hamilton, Janet, Poems, Essays, and Sketches,
Morison, Walter, D.D., Through the Postern,
Rankine, W. J. Macquorn, Songs and Fables,
Rawnsley, Canon, Valete: Tennyson and other Memorial Poems,
Smith, Walter C., Olrig Grange,
Smith, Walter C., Hilda,
Smith, Walter C., Kildrostan,
Smith, Walter C., A Heretic and other Poems,

Complete Catalogue will be sent on application

JAMES MACLEHOSE & SONS, 61 St. Vincent Street
Publishers to the University
LONDON AND NEW YORK: MACMILLAN AND CO., LIMITED

Smith, Walter C., Selections from the Poems of,
Veitch, John, The Tweed, and other Poems,
Veitch, John, Hillside Rhymes,

GENERAL LITERATURE

Argyll, The Duke of, What the Turks are,
Blackburn, Mrs. Hugh, Caw, Caw,
Blackburn, Mrs. Hugh, The Pipits,
Brown, J. T. T., The Authorship of the Kingis Quair: a New Criticism,
Eggs 4d. a Dozen, and Chickens 4d. a Pound, all the Year Round,
Jacks, William, Robert Burns in other Tongues,
Jacks, William, Lessing's Nathan the Wise,
MacCallum, Mungo W., Tennyson's Idylls and Arthurian Story,
MacCunn, John, Ethics of Citizenship,
MacLehose, Sophia H., Tales from Spenser,
Moir, Jane F., A Lady's Letters from Central Africa,
Murray, David, LL.D., An Archæological Survey of the United Kingdom,
Rawnsley, Canon, Literary Associations of the English Lakes,
Ross, Cavaliere C. M., Pinks and Cherries: Stories of Norwegian Life,
Walker, Hugh, Three Centuries of Scottish Literature,

PHILOSOPHICAL

Begg, W. Proudfoot, The Development of Taste,
Caird, Principal, Introduction to the Philosophy of Religion,
Caird, Edward, Critical Philosophy of Immanuel Kant,
Caird, Edward, Essays in Literature and Philosophy,
Caird, Edward, The Evolution of Religion,
Caird, Edward, Social Philosophy and Religion of Comte,
Caird, Edward, Individualism and Socialism,
Jones, Henry, Browning as a Philosophical and Religious Teacher,
Jones, Henry, A Critical Account of the Philosophy of Lotze,
Mackechnie, W. S., The State and the Individual,
Mackenzie, John S., An Introduction to Social Philosophy,
Veitch, John, Lucretius and the Atomic Theory,
Watson, John, Selections from Kant,
Watson, John, Kant and his English Critics,
Watson, John, Comte, Mill, and Spencer,
Watson, John, Hedonistic Theories,
Watson, John, Christianity and Idealism,

Messrs. MACLEHOSE & SONS' PUBLICATIONS.

THEOLOGICAL

Bathgate, Rev. Wm., Progressive Religion,
Caird, Principal, Introduction to the Philosophy of Religion,
Caird, Principal, Sermons and Lectures,
Caird, Edward, The Evolution of Religion,
Dickson, Professor, St. Paul's Use of Terms Flesh and Spirit,
Grant, Rev. William, The Lord's Supper Explained,
Hunter, Rev. John, Hymns of Faith and Life,
Hunter, Rev. John, Devotional Services for Public Worship,
Hunter, Rev. John, Sermons,
Jeffrey, Rev. R. T., The Salvation of the Gospel,
Jeffrey, Rev. R. T., Visits to Calvary,
Mackintosh, William, M.A., D.D., The Natural History of the Christian Religion,
Stanley, Dean, The Burning Bush,
Stannard, Rev. J. T., The Divine Humanity and other Sermons.
Watson, Rev. Charles, First Epistle General of St. John,
Wotherspoon, Rev. H. J., The Divine Service,

LAW

Black, W. G., The Law Agents' Act,
Murray, David, The Property of Married Persons,
Spens, Walter C., and R. T. Younger, Employers and Employed.

MEDICAL

Anderson, J. Wallace, Lectures on Medical Nursing,
Anderson, J. Wallace, Essentials of Physical Diagnosis,
Anderson, T. M'Call, The Nervous System,
Barr, Thomas, Manual of Diseases of the Ear,
Cleland, John, Evolution, Expression, and Sensation,
Cleland, John, and J. Yule Mackay, A Text-Book of Anatomy,
Downie, J. Walker, M.B., Clinical Manual of Diseases of the Throat,
Gairdner, W. T., The Physician as Naturalist
Gairdner, W. T., Disciplina Medica,
Leishman, Wm., A System of Midwifery,
Love, J. K., M.D., and W. H. Addison, Deaf-Mutism,
Macewen, William, Pyogenic Infectious Diseases of the Brain and Spinal Cord,
Macewen, William, Atlas of Head Sections,
M'Kendrick, John G., Text-Book of Physiology,
Moyes, John, Medicine and Kindred Arts in the Plays of Shakespeare,
Steven, J. Lindsay, Outlines of Practical Pathology,

Messrs. MACLEHOSE & SONS' PUBLICATIONS.

TOPOGRAPHICAL

Deas, James, C.E., History of the Clyde, - - - - -
Glasgow Publications—
  Glasgow : Its Municipal Organization and Administration, by Sir James Bell, Bart., and James Paton, - - - -
  Memoirs and Portraits of One Hundred Glasgow Men, - -
  The Old Country Houses of the Old Glasgow Gentry, - -
  The University of Glasgow, Old and New, - - - -
  Glasgow Archæological Society's Transactions, - - -
  A Century of Artists, by W. E. Henley, - - -
  Scottish National Memorials, Edited by James Paton, - -
  Memorials of the Faculty of Physicians and Surgeons, by Alexander Duncan, - - - - - - - -
Graham, R. C., The Carved Stones of Islay, - - - - -
Murray, David, Old Cardross, - - - - - - -
Murray, David, Glasgow and other Provincial Coins and Tokens,
Paterson, James, R.S.W., Nithsdale, - - - - - -
Smith, J. Guthrie, Strathendrick and its Inhabitants, - - -

UNIVERSITY AND OTHER TEXT-BOOKS

Forsyth, David, Instruction in Linear Perspective, - - -
Forsyth, David, Test Papers in Perspective, - - - - -
Glasgow University Calendar, - - - - - - -
Grant, Robert, Catalogue of 6415 Stars for Epoch 1870, - -
Grant, Robert, Second Catalogue of 2156 Stars for Epoch 1890, -
Jebb, R. C., Homer—An Introduction to the Iliad and Odyssey,
Jebb, R. C., The Anabasis of Xenophon, - - - - -
Müller, Dr. August, Outlines of Hebrew Syntax, -
Newton, Sir Isaac, Principia, Edited by Lord Kelvin and Ex-Professor Hugh Blackburn, - - - - - - -
Nichol, John, Tables of History, Literature, Science, and Art,
Nichol, John, Tables of Ancient Literature and History,
Robertson, Professor James, Hebrew Syntax (see Müller),
Schlomka, Clemens, A German Grammar, - - - - -
Schlomka, Clemens, German Reader, - - - - - -
Waddell, W. W., The Parmenides of Plato, - -
Waddell, W. W., Verses and Imitations in Greek and Latin,

Complete Catalogue will be sent on application

JAMES MACLEHOSE & SONS, 61 St. Vincent Street
Publishers to the University
LONDON AND NEW YORK : MACMILLAN AND CO., LIMITED

JAMES MACLEHOSE & SONS,

PUBLISHERS AND BOOKSELLERS TO THE UNIVERSITY,
THE FACULTY OF PROCURATORS, AND THE
FACULTY OF PHYSICIANS & SURGEONS.

Publishers,	Catalogue of Messrs. MacLehose & Sons' Publications will be sent gratis on application.
Booksellers,	New Books on day of publication. Standard Works in best Editions kept in stock. *Old and Scarce* Books procured. Foreign Books received from all parts of the Continent twice a week.
Bookbinders,	Books bound with the greatest care and in the very best style in our own Binding Shop. A very large variety of the best Editions of Standard Works are kept in Stock, in finest Calf and Morocco bindings.
Librarians,	The Western Book Club. Established 1841. Terms of Subscription and List of Books in circulation will be sent gratis on application.
Stationers,	All kinds of Stationery for House and Office use kept in stock.
Newsagents,	Magazines and Reviews supplied on day of publication. Foreign and American Magazines and Reviews posted direct from abroad. London Daily and Weekly Newspapers posted direct from London.
Printers,	All descriptions of Printing work done with great rapidity and accuracy.

Agents for the Arundel Society; The Palestine Exploration Society; The Early English Text Society; The Browning Society; MM. Quantin et Cie., Paris; Sig. Ongania, Venice, &c.

61 ST. VINCENT ST., GLASGOW.

Bookbinding.

Messrs. JAMES MACLEHOSE & SONS pay special attention to Bookbinding They have had a binding workshop of their own for twenty-five years, and as skilled workmen are employed and the best materials used, owners of books may rely on their work being well done, under the most careful supervision.

Messrs. MacLehose undertake all kinds of work, from the ordinary cloth and half calf bindings to the finest Levant morocco and inlaid work. They have had great experience in binding valuable books. Specimens of some of their fine bindings may at any time be seen, and they will be glad to furnish anyone who is forming a library or collecting books, with information as to the best Editions.

A very large variety of the best Editions of Standard Books and of Works with illustrations, bound in calf and morocco, are always kept in stock.

Amongst other books the following may be mentioned:—The Waverley Novels, 48 vols. Charles Dickens' Works, 30 vols. Thackeray's Works. The Aldine Poets, 60 vols. Lord Macaulay's Works. Grote's History of Greece. Prescott's Works. Milman's Historical Works. The Poetical Works of Shakespeare, Milton, Byron, Wordsworth, Burns, Shelley, Keats, Tennyson, Chaucer, Spenser, Blake, Herbert, Dryden, Pope, Goldsmith, Robert Browning, Elizabeth Barrett Browning, Coleridge, Cowper, Praed, Kingsley, Matthew Arnold, Longfellow, etc., etc.

These books can be had either in the finest morocco bindings or in ordinary serviceable bindings at prices varying from a few shillings to fifty guineas.

61 St. Vincent Street, Glasgow.

Queen Margaret Hall, Glasgow

(Incorporated 1894),

BUTE GARDENS, HILLHEAD.

Residence for Women Students of Queen Margaret College, University of Glasgow, who are studying for the Degrees in Arts, Science, or Medicine of Glasgow University, or who are taking University Classes as "Private Students."

Terms for Board and Residence are, according to accommodation, £1 or £1 5s. Weekly, *i.e.* £30 or £37 10s. for the College Year.

Apply to the Hon. Secretary, Mrs. Riddoch, 34 Lawrence Place, Dowanhill, Glasgow.

Gratis and Post Free to all Parts of the World.

E. & F. N. SPON'S CATALOGUE OF BOOKS.

Relating to Architecture and Building, Civil and Mechanical Engineering, Electricity, Electric Telegraph, Electric Light, Mining, Sanitation, Arts, Trades, and Manufactures.

LONDON: E. & F. N. SPON, LIMITED, 125 STRAND.

OTTO MÜLLER & Co.,

GLASGOW.

WRITE FOR OUR PRICE LIST.

Laboratory Stores, 175a West George Street

(Corner of Hope Street). TELEPHONE No. 3580.

PURE CHEMICALS FOR SCIENTIFIC PURPOSES. TECHNICAL CHEMICALS.
APPARATUS FOR QUALITATIVE AND QUANTITATIVE ANALYSIS.
SPECIAL APPARATUS AND REPAIRS MADE ON PREMISES.
GLASS WORKING IN ALL ITS BRANCHES.
PLATINUM UTENSILS AND FINE BALANCES

BAIRD & TATLOCK,

Educational Apparatus Manufacturers and Laboratory Furnishers,

40 to 50 RENFREW STREET, GLASGOW,

AND

10 DRUMMOND STREET, EDINBURGH.

Catalogues on Physics, Chemistry, Bacteriology, Botany, Microscopes, etc., on application.

Faculty of Physicians & Surgeons of Glasgow.

EXAMINATIONS for the Fellowship and also for the Surgical Licence of the Faculty are held at stated quarterly periods in January, April, July, and October.

Examinations for the Triple Qualification and for the Conjoint Diploma in Public Health are held in Glasgow and Edinburgh at stated periods.

Copies of the Regulations relating to the Licence, the Fellowship, the Triple Qualification, the Conjoint Diploma in Public Health, and the Licence in Dental Surgery may be had on application.

ALEXANDER DUNCAN, B.A.,
Secretary.

FACULTY HALL,
242 ST. VINCENT STREET,
GLASGOW, *June*, 1897.

UNIVERSITY PREPARATORY COLLEGE,

328 RENFREW STREET,

CHARING CROSS.

PUPILS prepared for the University Preliminary Examinations in Arts, Science, and Medicine; for Degree Examinations in Arts and Science; and for the First Professional Examination in Medicine.

Special help given to Pupils requiring assistance in the Class-work of the University.

Classes will be resumed on August 3rd.

ANDERSON'S COLLEGE MEDICAL SCHOOL, GLASGOW.

NEW BUILDINGS situated in DUMBARTON ROAD, within two minutes' walk of the Western Infirmary and four minutes' walk of the University.

THE WINTER SESSION WILL BE OPENED ON THURSDAY, 14TH OCTOBER, 1897, AND THE SUMMER SESSION ON TUESDAY, 19TH APRIL, 1898.

WINTER SESSION.

Regional Anatomy Or as may be arranged.	11 A.M., 4.10 P.M.	A. M. BUCHANAN, M.A., M.D., and Demonstrators.
Junior Anatomy	12 NOON.	
Practical do.	9 A.M. till 6 P.M.	
Chemistry	11 A.M.	J. ROBERTSON WATSON, M.A., and Assistants.
Chemical Laboratory	10 A.M. till 6 P.M.	
Physics	Mon., Wed., and Fri., 10 A.M.	PETER BENNETT.
Zoology	1 P.M.	G. BELL TODD, M.B.
Botany Or as may be arranged.	3 P.M.	PROFESSOR B. G. CORMACK, M.A., B.Sc.
Physiology	1 P.M.	D. CAMPBELL BLACK, M.D., F.R.S.E., and Assistant.
Materia Medica and Therapeutics	1 P.M.	R. BARCLAY NESS, M.A., M.B.
Surgery	12 NOON.	T. KENNEDY DALZIEL, M.B.
Practice of Medicine	11 A.M.	SAMSON GEMMELL, M.D., and Assistant.
Midwifery and Diseases of Children Or as may be arranged.	2 P.M.	JOHN EDGAR, M.A., M.B., B.Sc.
Laryngology (as may be arranged)		JOHN MACINTYRE, M.B.
Aural Surgery Or as may be arranged.	4 P.M.	JAMES ERSKINE, M.A., M.B.
Ophthalmic Medicine and Surgery. Thursday,	6 P.M.	T. SPENCE MEIGHAN, M.D.

Hygiene and Public Health (as may be arranged).

SUMMER SESSION.

Osteology (for Beginners) 9 A.M. and 12 NOON.
Regional Anatomy 11 A.M. & 4.10 P.M.
Or as may be arranged.
Practical Anatomy... 6 A.M. till 6 P.M.
Practical Chemistry 10 A.M. till 6 P.M.
Medical Jurisprudence ... 12 NOON.
R. M. BUCHANAN, M.B.
Physics ... 9 A.M.
Botany ... 10 A.M.
B. G. CORMACK, M.A., B.Sc.

Practical Botany ... 11 A.M. till 1 P.M.
Zoology ... 12 NOON.
Practical Zoology, as may be arranged.
Practical Materia Medica and Pharmacy ... 1 P.M.
Practical Physiology ... 12 NOON.
Operative Surgery ... 11 A.M.
Aural Surgery ... 4 P.M.
Or as may be arranged.
Gynaecology ... 2 P.M.

Ophthalmic Medicine and Surgery, Monday and Thursday, 3 P.M.

Hygiene and Public Health, as may be arranged.

Mental Diseases	Tuesday (Anderson's College), 11 A.M. Wednesday (Glasgow Public Dispensary), 3 P.M. Friday (Woodilee Asylum, Lenzie), 3.35 P.M.	JOHN CARSWELL, L.R.C.P.E., L.F.P.S.G.

The Lectures at Anderson's College Medical School are recognized by the Universities of Glasgow and Edinburgh under certain conditions, which are stated in

the Calendar. FEES for each Course of Lectures (Anatomy, Chemistry, and Practical Materia Medica and Pharmacy excepted)—First Session, £2 2s.; Second Session, £1 1s.; afterwards free. *Anatomy Class Fee*—Winter—First Session (including Practical Anatomy), £4 4s.; Second Session (including Practical Anatomy), £4 4s.; Third Session, £2 2s. Practical Anatomy alone, £2 2s. To those who have attended the necessary Courses of Practical Anatomy the Fee will be £1 1s. Summer--Demonstrations and Practical Anatomy, £2 12s. 6d.; Demonstrations alone, £1 11s. 6d.; Practical Anatomy alone, £1 1s.; Osteology and Practical Anatomy, £2 12s. 6d.; Osteology alone, £1 11s. 6d.; Zoology, £1 11s. 6d.; Practical Zoology, £1 1s.; Botany, £1 11s. 6d.; Practical Botany, £1 1s.; Mental Diseases, £1 1s. *Chemistry Class Fee*—First Session, £2 2s.; Second Session, £2 2s. *Practical Materia Medica and Pharmacy Class Fee*—First Session, £2 2s.; Second Session, £2 2s. Matriculation Fee, 10s. to those taking out two or more classes, 5s. to those taking out one class only. The Matriculation Fee of 10s. represents a combined Fee for the Winter and Summer Sessions. Students who have attended classes at other schools will be admitted to these classes at the reduced fees.

Kerr Bursary in Anatomy, Value £10. Open to Students of the Junior Anatomy Class during Winter Session, 1897-98.

A Calendar may be obtained from the Secretary to the Medical Faculty.

PROF. A. M. BUCHANAN, M.A., M.D., ANDERSON'S COLLEGE MEDICAL SCHOOL, DUMBARTON ROAD, PARTICK, GLASGOW.

PUBLISHED BY W. & R. CHAMBERS.

Elementary Human Physiology. Adapted to the Syllabus of the South Kensington Science Department. By J. G. M'KENDRICK, M.D., F.R.S., Professor of Physiology in the University of Glasgow. Illustrated with 164 Woodcuts. 2s. 6d.

Organic Chemistry. By W. H. PERKIN, Jun., Ph.D., F.R.S., Professor of Organic Chemistry in the Owens College; and F. STANLEY KIPPING, Ph.D., D.Sc. (Lond.), Lecturer and Assistant in the Chemical Research Laboratory, Central Technical College, City and Guilds of London Institute. With Diagrams. Part I. 3s. 6d. Part II. 3s. 6d. In One Volume. 6s. 6d.

Elementary Mechanics, including Hydrostatics and Pneumatics. By OLIVER J. LODGE, D.Sc., Professor of Physics in University College, Liverpool, and ALFRED LODGE, M.A., Professor of Pure Mathematics, Royal Indian Engineering College, Cooper's Hill. New Edition. With numerous examples. 308 pages. 4s. 6d.

Physics. An Elementary Text Book for University Classes. By C. G. KNOTT, D.Sc. (Edin.), F.R.S.E., Lecturer on Applied Mathematics and Physics (medical) in the University of Edinburgh. With Diagrams. 652 pages. 7s. 6d.

W. & R. CHAMBERS, LIMITED, EDINBURGH;
AND 47 PATERNOSTER ROW, LONDON.

SHORTHAND
(Pitman's System).

A knowledge of it is indispensable on the press, a recommendation in every office, valuable to the student, and serviceable to private individuals.

Students enrolled daily for Individual and strictly Private Instruction in Shorthand, also Tuition in Type-Writing, Practical Book-keeping, Arithmetic, and Handwriting. Prospectus free.

WHITELEY'S BUSINESS COLLEGE,
75 JAMAICA STREET, GLASGOW.

Skerry's Preparatory College.

Rapid and most successful preparation by

G. E. SKERRY, M.A., F.R.G.S.,

And Staff of Graduates and Trained Teachers.

The Tutors in each Department are specially qualified by Scholarship and long experience in the work.

I. University Department.

Day, Evening, and Correspondence Classes for the Preliminary Examinations in Arts, in Medicine, and in Science.

II. Professional Department.

Evening and Correspondence Classes for the General Knowledge (Law) Examinations, etc.

III. Home Civil Service Department.

Day, Evening, and Correspondence Classes.

Second Division Clerks. -	age 17-20,	Salaries, £70 £350.
Assistants of Excise,	age 19-22,	Salaries, £85-£400.
Assistant Surveyors of Taxes.	age 19-22,	Salaries, £100-£600.

List of Successes—alike numerous and brilliant—can be had on application.

PROSPECTUS (post free) gives a summary of the requirements and details of the Preparatory Classes for the various Examinations. Candidates when writing should state exactly their requirements.

213 Buchanan Street, Glasgow.

MR. JOHN FORSYTH,

M.A. (Glasgow), B.Sc. (London),

Receives Pupils, Privately and in Class, in

Mathematics, Natural Philosophy, Physics, Latin, Greek, French, English Literature, etc.

FOR UNIVERSITY AND OTHER EXAMINATIONS.

Classes for Preliminary, Degree, and Professional Examinations will be resumed on August 9th.

Address—21 GIBSON STREET, HILLHEAD.

R. F. MUIRHEAD, M.A., B.Sc.

(Formerly Ferguson Scholar, Smith's Prizeman, etc.),

Receives Pupils in MATHEMATICS, PHYSICS, ENGINEERING, and Allied Subjects.

Classes Preparatory for University Examinations will open on August 12th.

ADDRESS—

14 KERSLAND STREET,

HILLHEAD.

W. B. HILLIARD & SONS,

65 RENFIELD STREET,

GLASGOW.

Makers by Appointment
to Royal, Western, and Victoria
Infirmaries, and other
Institutions.

Telephone **3096.**

Telegrams
"HILLIARD, GLASGOW."

STUDENTS' REQUISITES.

For Anatomy Classes.

Under sanction and direction of the Professors and Teachers in Glasgow University, Anderson's College, Western Medical School, and St. Mungo's College.

Dissecting Sets: Scissors, blowpipe, six scalpels, set of 3 hooks, forceps, needle in mahogany case, polished throughout, with lock or catch in ebony handles, 12s. 6d. The same in ivory, 16s. The same set in mahogany case, lined inside with velvet, 12s. Ditto, in ivory handles, 15s. A special cheap set in common case (5 scalpels), 9s. 6d. Engraving owner's name on any of above cases, 6d. each extra.

Dissecting Aprons, best waterproof, 4s. 6d.; black cloth, 2s. each.

Dissecting Sleeves, best waterproof, 2s. 6d.; black cloth, 1s. per pair.

Cheap Set Aprons and Sleeves, 2s. per set.

Dissecting Wrappers, oilcloth (for parts), 1s. each.

Dissecting Roller Bandages, 3d. each.

Dissecting Rubber Gloves, to prevent smell and poisoned wounds, 4s. each.

Osteological Sets. Complete skeletons, articulated, £9 9s. Cheaper, £6 10s. Ditto, disarticulated, £4 10s. Half skeletons, £3 5s. and £3 10s. Disarticulated skulls, best, from France, in divided box, £2 15s.; from Austria, plain box, £1 14s.

For Clinical Classes.

Under sanction and direction of the Clinical Professors and Teachers, Western Infirmary (University), Royal Infirmary (St. Mungo's College), and Anderson's College.

Surgical Pocket Cases, for Hospital House-Surgeons and Student Dressers. Strong hand-stitched leather, 22s., 30s., 42s., 65s., 80s., 100s., complete. Miniature cases, 35s. to 55s., with purse combined, 32s. and 7s. 6d. Stamping or engraving owner's name on any case, 6d. extra.

Professor George Buchanan's Students' Case, 42s. and 44s. complete, nickel-plated.

Stethoscopes, 1s., 1s. 6d., 2s., 2s. 6d., 3s. 6d., to 15s. each.

Pleximeters, 1s. 6d. to 2s. 6d. each.

Students' Laryngoscopes, by Dr Foulis, 7s. 6d.; and Dr M'Intyre, 21s. **Urinometers and Jars,** 2s. 6d. to 5s. 6d. **Urine Test Cases,** complete, 10s. 6d. to 30s. **Test Tubes,** 6d. per dozen. **Tube Stands,** 2s. 6d. to 7s. 6d. **Spirit Lamps,** 1s. 3d. each.

Agents for **Medical Microscopes** all the best makers.

Botanical Instruments and all requirements for Zoology Classes.

Ship's Instruments to Board of Trade requirements.

Every Article of Guaranteed Quality. Goods exchanged if not satisfactory.

COCKBURN & CO., Limited

Wholesale, Manufacturing, and

Export Chemists and Druggists,

Dealers in Surgical Instruments and Accessories,

57 EAST HOWARD STREET,

GLASGOW.

Licensed Distillers of Medicinal Spirits and Waters.

DRUGGISTS' SUNDRIES OF EVERY DESCRIPTION.

PATENT MEDICINES AND PROPRIETARY ARTICLES AT LOWEST PRICES IN THE TRADE.

SEND FOR OUR DRUG OR PATENT LISTS BEFORE PURCHASING ELSEWHERE.

Special Terms to the Medical Profession.

Dispensaries Fitted Complete on Favourable Terms.

NOTA BENE. All Products sent out are Guaranteed to be in strict accordance with the requirements of the British Pharmacopia.

IF YOU REQUIRE A MEDICAL LOCUM OR ASSISTANT

we are at your service.

Telephone No. 3215.

Telegraphic Address for Inland or Foreign Telegrams
"TINCTURE, GLASGOW."

TEXT-BOOKS FOR LAW STUDENTS.

PUBLISHED BY BELL & BRADFUTE, EDINBURGH.

In One Large Volume, Royal 8vo, Half Morocco, Gilt Top, Price 40s.

BELL'S DICTIONARY AND DIGEST OF THE LAW OF SCOTLAND. Seventh Edition. By GEORGE WATSON, Esq., M.A., Advocate.

In Two Volumes, Demy 4to, Price 42s.

ERSKINE'S INSTITUTE OF THE LAW OF SCOTLAND. With the Notes of Lord Ivory and previous Editors, and Additional Notes. By JAMES BADENOCH NICOLSON, Esq., Advocate.

In One Volume, Demy 8vo, Price 21s.

ERSKINE'S PRINCIPLES OF THE LAW OF SCOTLAND. Nineteenth Edition. By JOHN RANKINE, Esq., M.A., LL.D., Professor of Scots Law in the University of Edinburgh.

In Two Volumes, Royal 8vo, Price 63s.

LECTURES ON CONVEYANCING. By the late ALEXANDER MONTGOMERIE BELL, W.S., Professor of Conveyancing in the University of Edinburgh. Third Edition, carefully Revised. With Notes on Recent Statutes and Decisions.

In One Volume, Demy 8vo, Price 16s.

A MANUAL OF CONVEYANCING in the Form of Examinations embracing both Personal and Heritable Rights. By the late JOHN HENDRY, W.S.; with Notes added to the Second Edition by JOHN T. MOWBRAY, W.S. Fourth Edition, Revised by JOHN PHILP WOOD, Esq., W.S., Professor of Conveyancing in the University of Edinburgh.

In One Volume, Demy 8vo, Price 21s.

THE CONVEYANCING CODE, being the Modern Acts relating to Conveyancing and Registration. Printed so as to distinguish the Provisions now operative from those which have been repealed or superseded by later enactments, with very full Notes appended to each Section and Schedule.

SCOTTISH LAW OF CONVEYANCING. HERITABLE RIGHTS. Third Edition, Revised and Enlarged. By JOHN CRAIGIE, Esq., M.A., LL.B., Advocate. [*In the Press.*

"Altogether we heartily commend this work, in its revised form, and predict for it a success even beyond that enjoyed by its predecessors."—*Scottish Law Review.*

Just Published, Demy 8vo, Price 12s.

SCOTTISH LAW OF CONVEYANCING. MOVEABLE RIGHTS. Second Edition. By JOHN CRAIGIE, Esq., M.A., LL.B., Advocate.

"Will be of peculiar value to Students on account of its concise and lucid statement of the present position of the law."—*Scots Law Times.*

In One Volume, Crown 8vo, Price 5s. 6d.

THE CRIMINAL LAW OF SCOTLAND. By A. M. ANDERSON, M.A., LL.B., Advocate.

". . . . . As a smaller work upon the Criminal Law of Scotland, brought up to the present day, it will be found to give a very useful account of the actual law in Scotland, and will also be found to contain, in virtue of its terse style and lucid arrangement, considerably more practical information than its size would have led one to expect."—*Juridical Review.*

In One Volume, Demy 8vo, Price 5s.

A POPULAR SKETCH OF THE LAW OF SCOTLAND. For the Use of Students. By D. S. LITTLEJOHN, Solicitor, Dundee. Third Edition.

In One Volume, Demy 8vo, Price 12s. 6d.

HAND-BOOK OF SHERIFF-COURT PRACTICE, Civil and Criminal, Second Edition, Revised and Enlarged. By W. J. LEWIS, B.L., S.S.C.

Univ. Cal.
G

THE

GLASGOW UNIVERSITY CALENDAR

FOR THE YEAR

1897-98

39513
28/9/97

GLASGOW
JAMES MACLEHOSE & SONS, 61 ST. VINCENT STREET
Publishers and Booksellers to the University
1897

1897
UNIVERSITY·PRESS
ROBERT·MACLEHOSE
JAMES·J·MACLEHOSE
GLASGOW
FLOREAT GLASGUA PRAEDICATIONE EVANGELII

CONTENTS.

PAGE

Calendar, ... 7

University Officers, ... 17

I.—THE UNIVERSITY, ... 25
- University Buildings, ... 27
- Government of the University, ... 29
- Chancellor, ... 30
- Rector, ... 31
- Dean of Faculties, ... 33
- Principal, ... 34
- University Court, ... 34
- Senatus Academicus, ... 37
- Faculties, ... 38
- Lecturers, ... 38
- Boards of Studies, ... 39
- University Assistants or Demonstrators, . . . 40
- Examiners for Degrees, ... 40
- General Council, ... 41
- Students' Representative Council, ... 43
- Students, ... 44
- University Chapel, ... 46
- Gymnasium, ... 47
- Examination for Candidates for the Army, . . . 48

II.—TABLE OF UNIVERSITY FEES, ... 48

III.—SEPARATE FACULTIES AND CLASSES, . . . 50

1.—Faculty of Arts, ... 58

A. Language and Literature, ... 58
- Humanity, ... 58
- Greek, ... 61
- English Language and Literature, ... 63
- French, ... 64
- Hebrew and Semitic Languages, ... 65

B. Mental Philosophy, ... 65
- Logic and Rhetoric, ... 65
- Moral Philosophy, ... 66
- Political Economy, ... 67
- Education, ... 68
- Philosophy of Law, ... 69

PAGE
C. Science, ... 69
Mathematics, ... 69
Natural Philosophy, ... 70
Astronomy, ... 72
Chemistry, ... 72
Zoology, ... 72
Botany, ... 72
Geology, ... 72

D. History and Law, ... 72
History, ... 72
Constitutional Law and History, ... 73
Roman Law, ... 73
Public Law, ... 73

2.—FACULTY OF SCIENCE, ... 74
Mathematics, ... 74
Natural Philosophy, ... 74
Astronomy, ... 74
Chemistry, ... 76
Natural History, ... 76
Botany, ... 76
Anatomy, ... 76
Physiology, ... 76
Civil Engineering and Mechanics, ... 76
Naval Architecture, including Marine Engineering, . 79

3. FACULTY OF MEDICINE, ... 80

A. Botany, ... 81
Natural History, ... 82
Physics, ... 82
Chemistry, ... 83

B. Anatomy, ... 85
Embryology, ... 86
Physiology, ... 86
Materia Medica, ... 88

C. Pathology, ... 89
Forensic Medicine, ... 91

D. Surgery, ... 91
Clinical Surgery, ... 92
Practice of Medicine, ... 93
Clinical Medicine, ... 96
Midwifery, ... 97

E. Insanity, ... 97
Diseases of the Eye, ... 98
Fevers, ... 98

F. Diseases of the Ear, ... 98
Diseases of the Throat and Nose, ... 99
Diseases of the Skin, ... 100
Diseases of Children, ... 100

PAGE
4.—FACULTY OF LAW, . . . 100
Law, . . . 104
Conveyancing, . . . 105
Forensic Medicine, . . . 106
Political Economy, . . . 106
Civil Law, . . . 106
Constitutional Law and History, . . . 107
General or Comparative Jurisprudence, . . . 108
Public International Law, . . . 109
International Private Law, . . . 109
Mercantile Law, . . . 110

5.—FACULTY OF THEOLOGY, . . . 110
Divinity, . . . 113
Hebrew and Semitic Languages, . . . 114
Ecclesiastical History, . . . 116
Divinity and Biblical Criticism, . . . 116

IV.—DEMONSTRATORSHIPS, ETC., . . . 117
Arnott and Thomson Demonstratorship in Experimental Physics, . . . 117
Muirhead Demonstratorship of Physiology, . . . 118
William Baxter Demonstratorship in Geology, . . . 119
Gifford Lectureship on Natural Theology, . . . 120
M'Callum Celtic Lectureship, . . . 121

V.—WOMEN'S DEPARTMENT, . . . 122

VI.—SPECIAL STUDY AND RESEARCH, . . . 128

VII.—LIBRARIES, MUSEUM, BOTANIC GARDEN, . . . 131
University Library, . . . 131
Catalogues, . . . 135
Reading Room, . . . 136
Donations, . . . 137
Divinity Hall Library, . . . 144
Hunterian Museum, . . . 144
Botanic Garden, . . . 146

VIII.—GRADUATION IN THE SEVERAL FACULTIES, 147
Examiners, . . . 147
Regulations for Granting Degrees, . . . 150

1.—GRADUATION IN ARTS, . . . 150
Preliminary Examination in Arts, Science, and Medicine, 151
Degree of Master of Arts, . . . 157
Subjects of Examination for M.A., . . . 166
Table of Examinations for M.A., . . . 175

2.—GRADUATION IN SCIENCE, . . . 176
Degrees in Pure Science, . . . 176
Degrees in Science in Engineering, . . . 179
Degrees in Science in Agriculture, . . . 183
Certificate of Proficiency in Engineering Science, . . . 186
Table of Examinations for B.Sc., . . . 187

PAGE

3.—Higher Degrees in Arts and Science, ... 188

4.—Graduation in Medicine and Surgery, ... 191
  Table of Examinations for Degrees in Medicine, . . . 207

5.—Graduation in Law, ... 208
  Table of Examinations for Degrees in Law, . . . 214

6.—Graduation in Divinity, ... 216
  Bachelor of Divinity, ... 216
  Table of Examinations for B.D., ... 219

7.—Honorary Degrees, ... 220
  Academic Dress, ... 221

IX.—BURSARIES, SCHOLARSHIPS, Etc., PRIZES, . 223

1.—Bursaries—
  A. Bursaries arranged according to Faculties, . . 227
  B. Bursaries alphabetically arranged, ... 230

2.—Exhibitions, Fellowships, and Scholarships, . . 288

3.—Prizes, ... 309

4.—List of Bursaries, Etc., open to Competition during Session 1897-98, ... 321

5.—Patronage Bursaries, 1897-98, ... 331

6.—University Prize Essays for Session 1897-98, . . 331

X.—HONOUR LIST, ... 333

XI.—DEGREE AND PRIZE LIST, Session 1896-97, . 347

XII.—EXAMINATION QUESTIONS, ... 414

1.—For Preliminary Examinations in Arts and Science and for Open Bursaries, . . . 414

2.—For Degree of M.A., ... 436

3.—For Degree of B.Sc., ... 486

4.—For Degrees in Medicine and Surgery:—
  (1.) Preliminary Examination, ... 504
  (2.) Professional Examinations, ... 509

5.—For Degrees of LL.B. and B.L., ... 517

6.—For Degree of B.D., ... 525

7.—For Historical Prizes, ... 531

XIII.—VACATION EXERCISES, Etc., 1897-98, . . . 534

XIV.—ABSTRACT OF THE PROCEEDINGS OF THE UNIVERSITY COURT, 1896-97, ... 537

XV.—FINANCIAL STATEMENT FOR THE YEAR 1895-96, ... 551

Appendix I.—List of Members of the General Council, . 558
,, II.—Extra-Academical Teaching, ... 608
,, III.—University Societies, ... 615

General Index, ... 626

AUGUST 1897.

1	**S**	
2	M	
3	Tu	
4	W	
5	Th	
6	F	
7	S	
8	**S**	
9	M	
10	Tu	
11	W	
12	Th	
13	F	
14	S	
15	**S**	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	**S**	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	**S**	
30	M	
31	Tu	

SEPTEMBER 1897.

1	W	Names of Candidates for Bursaries in the gift of the Merchants' House, for Hutchesons' Educational Trust Bursaries, for Glasgow City Educational Endowments Bursaries, for Highland Society Bursaries, for James Laing Bursaries, for Marshall Bursaries, for William Whyte Bursary, and for Hannay Bursary to be given in as directed at p. 326. Names of Candidates for Ferguson Scholarships to be given in before this day.
2	Th	
3	F	
4	S	
5	**S**	
6	M	
7	Tu	
8	W	
9	Th	Names of Candidates for Preliminary Examination in Arts, Science, and Medicine, and Names of Competitors for Bursaries, to be given in to Assistant-Clerk (Matriculation Office).
10	F	
11	S	
12	**S**	
13	M	
14	Tu	
15	W	
16	Th	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, to be given in to Assistant-Clerk (Matriculation Office).
17	F	
18	S	
19	**S**	
20	M	
21	Tu	
22	W	Names of Candidates for Degrees in Law and Arts, and for Scholarships, etc., to be given in to Assistant-Clerk (Matriculation Office).
23	Th	
24	F	Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 155.) Competition for Bursaries begins.
25	S	
26	**S**	
27	M	
28	Tu	Degree Examination—French, 1st Paper.
29	W	Degree Examination—German, 1st Paper.
30	Th	Degree Examination—French, 2nd Paper.

OCTOBER 1897.

1	F	Theses for M.D. given in. Names of Candidates for Examination for M.D. (New Regulations) to be given in. Degree Examination—German, 2nd Paper.	
2	S	Degree Examinations—Astronomy, Geology, Political Economy.	
3	S		
4	M	Degree Examinations—Zoology, Botany, Chemistry, Philosophy of Law, Private International Law.	Competition for the Rainy and Lorimer Medical Bursaries.
5	Tu	Degree Examinations—Education, Scots Law, Public Law, **Physics, Anatomy, Physiology, Materia Medica** and Therapeutics, Engineering Drawing, Naval **Architecture, Ship Drawing.**	
6	W	**Degree Examinations—Civil (Roman) Law, Constitutional Law, Civil Engineering, Medical Jurisprudence and Public Health, Pathology.**	
7	Th	**Degree Examinations—History, Conveyancing, Civil Engineering.** Meeting of Senate—Election of Senate Members of Library and other Committees.	
8	F	Meeting of Joint Board. Degree Examinations in Mathematics, etc. (See pp. 175, 157.)	
9	S	**Meeting of Joint Board.** **Examination for Arnott Prizes at 2 P.M.** Last day for Professors sending in Names of Assistants to the Secretary **of the University Court.**	
10	S		
11	M		
12	Tu		
13	W	Matriculation begins.	

OCTOBER 1897.

14	Th	Results of Bursary Competition declared. Classes in Faculties of Arts, Science, Medicine, and Law meet. Meeting of University Court. Appointment of University Assistants, and of Preliminary Examiners and Members of Joint Board for next year. Appointment of Committees and of Representatives at Charitable and other Boards.
15	F	
16	S	
17	**S**	
18	M	
19	Tu	
20	W	Names of Candidates for Degree of B.D. and for Bursaries, etc., in Divinity to be given in to Assistant-Clerk (Matriculation Office).
21	Th	
22	F	
23	S	
24	**S**	
25	M	
26	Tu	Examinations for B.D., and for Bursaries in Divinity, 1st day. (See p. 210.)
27	W	Do. do., 2nd day. (Last Wednesday.) Meeting of General Council.
28	Th	Classes in Faculty of Divinity meet.
29	F	Last day for receiving Tradesmen's and other Accounts for preceding half-year. Last day for receiving Professors' Accounts for class-expenses for transmission to University Court. Last day for giving in University Prize Essays.
30	S	
31	**S**	

NOVEMBER 1897.

1	M	
2	Tu	
3	W	
4	Th	Meeting of Senate. Graduation. Representatives at Charitable and other Boards elected.
5	F	Matriculation ends.
6	S	
7	S	
8	M	
9	Tu	
10	W	
11	Th	Meeting of University Court.
12	F	
13	S	
14	S	
15	M	
16	Tu	
17	W	
18	Th	
19	F	
20	S	
21	S	

NOVEMBER 1897.

22	M	
23	Tu	
24	W	
25	Th	
26	F	
27	S	
28	**S**	
29	M	
30	Tu	

DECEMBER 1897.

1	W	
2	Th	Meeting of Senate. Vacancies in Bursaries ascertained.
3	F	
4	S	
5	**S**	
6	M	
7	Tu	
8	W	
9	Th	Meeting of the University Court.
10	F	Payment of Tradesmen's Accounts.
11	S	
12	**S**	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	**S**	
20	M	Christmas Holidays commence.
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	**S**	
27	M	
28	Tu	
29	W	
30	Th	
31	F	

JANUARY 1898.

1	S	
2	**S**	
3	M	
4	Tu	First day on which the Classes meet after the Christmas Holidays.
5	W	
6	Th	Meeting of Senate. Intimation from the several Faculties of the Election of Deans. Appointment of Boards of Studies. Vacant Bursaries filled up.
7	F	
8	S	
9	**S**	
10	M	
11	Tu	
12	W	
13	Th	(Second Thursday.) Meeting of University Court. Last day for receiving Accounts for transmission to Court.
14	F	
15	S	Applications for Higher Degrees in Arts and Science (D.Litt., D.Phil., and D.Sc.) to be sent in to Clerk of Senate.
16	**S**	
17	M	
18	Tu	
19	W	
20	Th	
21	F	
22	S	
23	**S**	
24	M	
25	Tu	
26	W	
27	Th	
28	F	
29	S	
30	**S**	
31	M	Holiday (Monday after last Friday).

FEBRUARY 1898.

1	Tu	Holiday (for Candlemas). Theses for M.D. sent in.
2	W	
3	Th	Meeting of Senate. Reports of Committees on Honorary Degrees.
4	F	
5	S	
6	**S**	
7	M	
8	Tu	
9	W	
10	Th	(Second Thursday.) Meeting of University Court. Arrangements for Summer Session.
11	F	
12	S	
13	**S**	
14	M	
15	Tu	
16	W	
17	Th	
18	F	
19	S	
20	**S**	
21	M	
22	Tu	
23	W	
24	Th	
25	F	
26	S	
27	**S**	
28	M	Holiday (Monday after last Friday).

MARCH 1898.

1	Tu	Names of Candidates for Degrees in Arts and Law to be given in to Assistant-Clerk (Matriculation Office).
2	W	
3	Th	Names of Candidates for First, Second, and Third Professional Examinations in Medicine, for B.Sc. Examinations in Science, and for Certificate in Engineering Science, given in to Assistant-Clerk (Matriculation Office). Meeting of Senate. Schemes of Courses in Arts, Science, and Medicine to be sent by Professors and Lecturers to Conveners of Boards of Studies.
4	F	Reports on Prize Essays.
5	S	
6	S	
7	M	Names of Candidates for Preliminary Examination in Arts, Science, and Medicine, to be given in to Assistant-Clerk (Matriculation Office).
8	Tu	
9	W	
10	Th	Meeting of University Court.
11	F	
12	S	
13	S	
14	M	
15	Tu	
16	W	
17	Th	Meeting of Senate. Election of Commissioner to General Assembly. Snell Examiners appointed. Appointment to International Exhibition Scholarship.
18	F	Winter Classes in Faculty of Medicine, Law, and Theology close. Names of Candidates for Degree of B.D. given in to Assistant-Clerk (Matriculation Office).
19	S	Degree Examinations—Astronomy, Geology, Political Economy.
20	S	
21	M	Do. do. Zoology, Botany, Chemistry, Philosophy of Law, Private International Law.
22	Tu	Do. do. Drawing, Physics, Physiology, Anatomy, Materia Medica and Therapeutics, Naval Architecture, Ship Design, Public Law, Education.
23	W	Do. do. Pathology, Medical Jurisprudence and Public Health, Constitutional Law, Civil (Roman) Law, Civil Engineering.
24	Th	Do. do. Civil Engineering, Divinity, Textual Criticism, Conveyancing, Medical Jurisprudence.
25	F	Do. do. Church History, Hermeneutics, Mercantile Law, History, Hebrew (Arts). Preliminary Examinations in Arts, Science, and Medicine begin. (See p. 155.)
26	S	Degree Examinations in remaining Arts Subjects and Snell Exhibition begin. (See pp. 175, 187.)
27	S	
28	M	
29	Tu	
30	W	
31	Th	Meeting of Senate. Last day for receiving Professors' Accounts of Class Expenses, Tradesmen's, Forty-five shilling, and other Accounts for transmission to Court.

APRIL 1898.

1	F	
2	S	
3	**S**	
4	M	
5	Tu	
6	W	Last day for returning Books to Library. (First Wednesday.) Meeting of General Council.
7	Th	
8	F	Meeting of Joint Board.
9	S	Meeting of Joint Board.
10	**S**	
11	M	
12	Tu	Graduation in all the Faculties. Honorary Graduation. Distribution of University Prizes.
13	W	Meeting of Senate.
14	Th	Meeting of University Court.
15	F	
16	S	
17	**S**	
18	M	Library re-opened.
19	Tu	Summer Classes in Science, Medicine, and Law open.
20	W	

APRIL 1898.

21	Th	
22	F	
23	S	
24	**S**	
25	M	
26	Tu	Summer Classes in Arts open.
27	W	
28	Th	
29	F	
30	S	

MAY 1898.

1	**S**	
2	M	
3	Tu	
4	W	
5	Th	Meeting of University Court.
6	F	
7	S	
8	**S**	
9	M	
10	Tu	Payment of Tradesmen's and other Accounts. Meeting of Faculty of Medicine. Names of Candidates for Final Professional Examination in Medicine to be given in to Assistant-Clerk (Matriculation Office).
11	W	
12	Th	
13	F	
14	S	
15	**S**	
16	M	
17	Tu	
18	W	
19	Th	
20	F	
21	S	
22	**S**	
23	M	
24	Tu	
25	W	
26	Th	
27	F	
28	S	
29	**S**	
30	M	Degree Examinations—Practice of Medicine, Surgery.
31	Tu	Do. do. —Midwifery, Clinical Examinations begin.

JUNE 1898.

1	W	Theses for M.D. given in.
2	Th	
3	F	
4	S	
5	**S**	
6	M	
7	Tu	
8	W	
9	Th	Meeting of University Court. Appointment of Lecturers.
10	F	
11	S	
12	**S**	
13	M	
14	Tu	
15	W	
16	Th	
17	F	
18	S	
19	**S**	
20	M	
21	Tu	
22	W	
23	Th	
24	F	
25	S	
26	**S**	
27	M	
28	Tu	
29	W	
30	Th	

JULY 1898.

1	F	Last day for receiving accounts for transmission to Court.
2	S	
3	**S**	
4	M	
5	Tu	
6	W	
7	Th	
8	F	
9	S	
10	**S**	
11	M	
12	Tu	
13	W	
14	Th	Meeting of University Court.
15	F	
16	S	
17	**S**	
18	M	
19	Tu	
20	W	
21	Th	Meeting of Senate. Graduation in Medicine.
22	F	
23	S	
24	**S**	
25	M	
26	Tu	
27	W	
28	Th	
29	F	
30	S	
31	**S**	

UNIVERSITY OFFICERS.

	Elected.	Electors.
Chancellor—THE RIGHT HON. THE EARL OF STAIR, K.T., LL.D., - - - -	1884	General Council.
Vice-Chancellor—JOHN CAIRD, D.D., LL.D.,	1873	Chancellor.
Rector—THE RIGHT HON. JOSEPH CHAMBERLAIN, M.P.,	1896	Matriculated Students.
Principal—JOHN CAIRD, D.D., LL.D., -	1873	Crown.
Dean of Faculties—W. P. DICKSON, D.D., LL.D., - - - - - - -	1896	Senate.
Parliamentary Representative—JAMES A. CAMPBELL, LL.D., - - - -	1880	General Council.

University Court.

THE RECTOR, *ex officio.*
THE PRINCIPAL, *ex officio.*
THE LORD PROVOST OF GLASGOW, *ex officio.*

	Elected.	Electors.
SIR JAMES KING, BART., LL.D., -	1887	Chancellor.
DAVID MURRAY, LL.D., - -	1896	Rector.
JAMES COLQUHOUN, LL.D., -	1890	Lord Provost, Magistrates, and Town Council of Glasgow.
HECTOR C. CAMERON, M.D., -	1893	General Council.
SIR JOHN N. CUTHBERTSON, LL.D.,	1893	
REV. J. W. KING, D.D., -	1895	
D. C. M'VAIL, M.B., - -	1895	
PROFESSOR STEWART, D.D., -	1893	Senate.
PROFESSOR JACK, LL.D., - -	1894	
PROFESSOR GAIRDNER, M.D., LL.D.,	1895	
SHERIFF BERRY, LL.D., - -	1896	

Senatus Academicus.*

PRESIDENT, - - - THE PRINCIPAL, - - - - - 1873

PROFESSORS

	CHAIRS.	Appointed
William Hastie, D.D., - - -	*Divinity*, - - -	1895
Lord Kelvin, G.C.V.O., F.R.S., - -	*Natural Philosophy*,	1846

* See note at foot of next page.

PROFESSORS *Continued.*	CHAIRS.	Appointed
William T. Gairdner, M.D., LL.D., F.R.S.,	*Practice of Medicine,*	1862
George G. Ramsay, LL.D.,	*Humanity,*	1863
John Young, M.D.,	*Natural History,*	1866
Pierce A. Simpson, M.A., M.D.,	*Forensic Medicine,*	1872
William Stewart, D.D.,	*Biblical Criticism,*	1873
George Buchanan, M.A., M.D., LL.D.,	*Clinical Surgery,*	1874
T. M'Call Anderson, M.D.,	*Clinical Medicine,*	1874
John Ferguson, M.A., LL.D., F.S.A.,	*Chemistry,*	1874
John Gray M'Kendrick, M.D., LL.D., F.R.S.,	*Physiology,*	1876
James Robertson, D.D.,	*Hebrew and Semitic Languages,*	1877
John Cleland, M.D., LL.D., D.Sc., F.R.S.,	*Anatomy,*	1877
William Jack, LL.D.,	*Mathematics.*	1879
Frederick O. Bower, Sc.D., F.R.S.,	*Botany,*	1885
Robert Herbert Story, D.D.,	*Church History,*	1886
Alexander Moody Stuart, LL.D,	*Law,*	1887
Andrew Cecil Bradley, M.A.,	*English Language and Literature,*	1889
George G. A. Murray, M.A.,	*Greek,*	1889
Archibald Barr, D.Sc.,	*Civil Engineering and Mechanics,*	1889
James Moir,	*Conveyancing,*	1889
John Harvard Biles,	*Naval Architecture, including Marine Engineering,*	1891
William Macewen, M.D., LL.D., F.R.S.,	*Surgery,*	1892
Ludwig Becker, Ph.D.,	*Astronomy,*	1893
Murdoch Cameron, M.D.,	*Midwifery,*	1894
Joseph Coats, M.D.,	*Pathology,*	1894
Henry Jones, LL.D.,	*Moral Philosophy,*	1894
Richard Lodge, M.A.,	*History,*	1894
Robert Adamson, LL.D.,	*Logic and Rhetoric.*	1895
William Smart, D.Phil., LL.D.,	*Political Economy,*	1896
———	*Materia Medica.*	———

Note.—"The precedency of the Masters in point of ceremony shall, in all time coming, be, that the Professor of Divinity take place first after the Principal, and that all the other Masters and Professors of whatever kind take place of other according to the seniority and time of their admissions into their respective offices." —*Statute of Royal Visitation, 1727.*

Deans of the several Faculties.

Arts,	Professor Ramsay.
Science,	Professor Bower.
Medicine,	Professor Gairdner.
Law,	Professor Moody Stuart.
Theology,	Professor Stewart.

Lecturers.

John Young, M.D.,	*Honyman Gillespie Lecturer.*
Thomas Reid, M.D., LL.D.,	*Waltonian Lecturer.*
David Yellowlees, M.D., LL.D.,	*Insanity.*
Magnus Maclean, M.A., D.Sc., F.R.S.E.,	*Physics.*
Thomas Barr, M.D.,	*Diseases of the Ear.*
J. Walker Downie, M.B.,	*Diseases of the Throat and Nose.*
James F. Gemmill, M.A., M.B.,	*Embryology.*
Wm. Galbraith Miller, LL.B.,	*Public International Law; International Private Law; and General Jurisprudence.*
Wm. S. M'Kechnie, LL.B., D.Phil.,	*Constitutional Law and History.*
James M. Irvine, B.Sc., LL.B.,	*Civil Law.*
James Mackenzie,	*Mercantile Law.*
David Ross, M.A., B.Sc., LL.D.,	*Education.*
Alfred Mercier, L.-ès-L.	*French Language and Literature.*
Alexander B. Bruce, D.D.,	*Natural Theology* (Gifford Foundation).
* Adolphus A. Jack, B.A.,	*English Language and Literature.*
* Alexander Tille, Ph.D.,	*German Language and Literature.*
* Norman D. Smith, M.A.,	*Logic.*
* Robert A. Duff, M.A.,	*Moral Philosophy.*
* James Blyth, M.A.,	*Natural Philosophy.*
* Thomas Gray, B.Sc.,	*Chemistry.*
* Thomas H. Bryce, M.A., M.B.,	*Anatomy.*
* Charles O. Hawthorne, M.B.,	*Materia Medica.*
* Charles Workman, M.D.,	*Pathology.*
* J. H. Pringle, F.R.C.S.,	*Surgery.*

---

* Lecturers at Queen Margaret College.

*J. W. Anderson, M.D.,	*Practice of Medicine.*
*A. M. Ramsay, M.D.,	*Diseases of the Eye.*
John Brown, M.A.,	*Humanity.*
George Macdonald, M.A., R. M. Burrows, M.A.,	*Greek.*
William E. Philip, M.A., William A. Lindsay, M.A.,	*Mathematics.*

University Assistants or Demonstrators.†

English Language and Literature,	David H. Crawford, M.A.
Humanity,	John Brown, M.A. Daniel Rankin, B.A.
Greek,	George Macdonald, M.A. Ronald M. Burrows, M.A.
Hebrew and Semitic Languages,	Thomas H. Weir, B.D.
Natural Philosophy,	Magnus Maclean, M.A., D.Sc., F.R.S.E Alexander Galt, B.Sc., F.R.S.E.
Arnott and Thomson Demonstrator in *Experimental Physics,*	James Thomson Bottomley, M.A., D.Sc., F.R.S.
Mathematics,	William E. Philip, M.A. William A. Lindsay, M.A.
Civil Engineering and Mechanics,	Harry Bamford, M.Sc. John D. Cormack, B.Sc.
Logic,	Norman D. Smith, M.A.
Moral Philosophy,	Robert A. Duff, M.A.
Naval Architecture,	Herbert C. Sadler, B.Sc.
Practice of Medicine,	James Carslaw, M.A., M.B., C.M.
Anatomy,	Alexander Macphail, M.B., C.M. John Morton, M.B., C.M. Hugh Calderwood, B.Sc., M.B., C.M. James F. Gemmill, M.A., M.B., C.M.
Surgery,	George Ritchie Thomson, M.B., C.M.
Midwifery,	John M. M. Kerr, M.B., C.M.

---

* Lecturers at Queen Margaret College.

† The Assistants and Demonstrators in this list were for 1896-97. Those for 1897-98 fall to be appointed before the beginning of the session.

Chemistry, - - - -	William R. Lang, B.Sc., F.C.S. William C. Anderson, B.Sc., M.A. George Lean, B.Sc.
Botany, - - - -	William H. Lang, B.Sc., M.B., C.M.
Natural History, - - -	James Rankin, B.Sc.
Baxter Demonstrator in *Geology*,	Alex. V. Lothian, M.A., B.Sc.
Materia Medica, - - -	William MacLennan, M.B., C.M.
Physiology, - - - -	William Snodgrass, M.A., M.B., C.M. David F. Harris, B.Sc., M.B., C.M. (Muirhead Demonstrator). William B. Brodie, M.B.
Pathology, - - - -	Lewis R. Sutherland, M.B., C.M. Alexander R. Ferguson, M.B., C.M.
Forensic Medicine, - -	Hugh Galt, M.B., C.M., D.P.H.(Camb.). James A. Mitchell.
Clinical Surgery (Dr. Macewen),	Peter Paterson, M.B., C.M.
Clinical Surgery (Dr. Buchanan), - - - -	J. C. Renton, M.D. G. Burnside Buchanan, B.A.(Cantab.) M.B., C.M.
Clinical Medicine (Dr. Gairdner), - - - -	Charles O. Hawthorne, M.B., C.M. James Carslaw, M.A., M.B., C.M.
Clinical Medicine (Dr. Anderson), - - - -	James Hinshelwood, M.A., M.D. William R. Jack, B.Sc., M.D.

Examiners for Degrees.

In Divinity.—The Professors in the Faculty of Theology, assisted by the Rev. John Maclean, D.D., and the Rev. Henry Bremner, D.D.

In Law.—The Professors and Lecturers in the Faculty of Law, assisted by

William R. Herkless, LL.B.
James A. M'Callum, LL.B.
Frederick G. Mackillop, LL.B.

In Medicine.—The Professors and Lecturers in the Faculty of Medicine, as specified in Section XXIV. of Ordinance No. 14, and the following additional Examiners:—

Henry E. Clark, M.R.C.S.	1895
Thomas D. Savill, M.D.	1895
D. R. Boyd, B.Sc., Ph.D.	1895
Charles D. F. Phillips, M.D.	1895
John H. Fullarton, D.Sc.	1895
Andrew Gray, M.A., LL.D.	1896
Samuel Sloan, M.D. .	1896
J. Yule Mackay, M.D.	1896
T. Kennedy Dalziel, M.B.	1896
A. C. Seward, M.A.	1896
William Stirling, M.D.	1897
T. K. Monro, M.A., M.D.	1897
James A. Adams, M.D.	1897
Guthrie Rankin, M.D.	1897

In Arts.—The Professors and Lecturers in the Faculty of Arts, as specified in Section XIV. of Ordinance No. 13, assisted by

Evan Keri Evans, M.A.,	Examiner in	Logic and Moral Philosophy,	1894
Hugh Walker, M.A.,	,,	English, Political Economy,	1894 1897
James Colville, D.Sc.,	,,	History,	1895
James Milligan, M.A.,	,,	Education,	1895
John Maclean, D.D.,	,,	Hebrew,	1895
Lawrence Crawford, M.A., B.Sc.,	,,	Mathematics and Natural Philosophy,	1896
R. Y. Tyrrell, Litt.D., D.C.L.,		Classics,	1896

In Science.—Professor Lord Kelvin, D.C.L., Professor Young, M.D., Professor Ferguson, LL.D., Professor M'Kendrick, M.D., Professor Cleland, M.D., Professor Jack, LL.D., Professor Bower, Sc.D., Professor Barr, D.Sc., Professor Biles, Professor Becker, Ph.D., assisted by additional examiners.

Preliminary Examiners in Arts, Science, and Medicine.—Professor Ramsay, LL.D., †Professor Jack, LL.D., Professor Bradley, M.A., Professor Murray, M.A., Professor Lodge, M.A., Professor H. A. Strong, LL.D., John Brown, M.A., †John Edgar, M.A., Professor George A. Gibson, M.A., John Dougall, M.A., †A. M. Williams, M.A., †Alfred Mercier, L.-ès-L., Malcolm G. Ramsay, B.A., William Bathgate, M.A., Rev. John Maclean, D.D.

† Members of the Joint Board.

Other Officials.

Keeper of Hunterian Library and Museum,	Professor Young, M.D.
Under-Keeper,	John Young, LL.D., F.G.S.
,, *(Pathological Department),*	John H. Teacher, M.A., M.B., C.M.
Curator of Library,	Professor Dickson, D.D., LL.D.
Librarian,	James Lymburn.
Sub-Librarian,	James L. Galbraith.
Secretary to the University Court,	Alan E. Clapperton, B.L., 91 West Regent Street.
Clerk of Senate,	Professor Stewart, D.D., 18 Annfield Terrace, Partickhill.

Assistants to the Clerk of Senate, - - - -	W. Innes Addison, Matriculation Office. James Coutts, M.A., Registration Office. Miss Galloway, Secretary at Queen Margaret College.
Registrar of the General Council, - - - -	James Coutts, M.A.
Clerk of the General Council, -	Archibald Craig, LL.B., 156 St. Vincent Street.
Factors, - - - -	Hill & Hoggan, 194 Ingram Street.
Law-Agents, - - -	Mitchells, Johnston & Co., 160 West George Street.
Auditors, - - - -	Brown, Fleming & Murray, 163 West George Street.
Publishers and Booksellers to the University, - -	James MacLehose & Sons, 61 St. Vincent Street.
Printers to the University, -	Robert MacLehose & Co., 153 West Nile Street.
Robe Makers to the University, - - - -	James Thomson & Son, 84 St. Vincent Street.

HEAD SERVANTS.

Bedellus and Janitor, - -	Lauchlan M'Pherson.
Master of Works, - - -	David Stewart.

Representatives of the University Court on Charitable and other Boards.

General Medical Council—Professor Gairdner.

Western Infirmary—Rev. Dr. King and Mr. A. E. Clapperton.

Victoria Infirmary—Professor Gairdner and Mr. William Crum.

Glasgow Samaritan Hospital for Women—Dr. Robert Perry.

Highlands and Islands Educational Trust—Sheriff R. Vary Campbell.

Stirling Educational Trust—Mr. Charles King.

Representatives of the Senate on Educational and other Boards.

Glasgow and West of Scotland Technical College—Professors Young and Barr.

Glasgow City Educational Endowments Board—Professor Stewart.

Glasgow General Educational Endowments Board—Professors Stewart and Jack.

Glasgow School of Art—Professor Jack.

Hutchesons' Educational Trust—Professor Ramsay.

John Clark (Mile-End) Bursary Trust—Professor Stewart.

Scott Scholarship and Bursaries Trust—Professor Bradley.

Western Infirmary—Professors Cleland and Moir.

Royal Infirmary—Professor Young.

Asylum for the Blind—Professor Ramsay.

Glasgow Convalescent Home—Professor Buchanan.

Baillie's Institution—Professor Ferguson.

Joint Committees of Senate and Court.

LIBRARY COMMITTEE.

Appointed by the Senate—The Principal and Professors Stewart, Ferguson, Jack, Bower, and Moir.

Appointed by the University Court—Rev. Dr. Dickson, Rev. Dr. King, and Sheriff Berry.

MUSEUMS COMMITTEE.

Appointed by the Senate—Professors Young, Ferguson, Cleland, and Murray.

Appointed by the University Court—Drs. Cameron and M'Vail.

OBSERVATORY AND LABORATORIES COMMITTEE.

Appointed by the Senate—Professor Lord Kelvin and Professors Ferguson, M'Kendrick, and Becker.

Appointed by the University Court—The Lord Provost and Sir James King.

Students' Representative Council.

President—Hyam Goodman, M.A.

Vice-Presidents—D. J. Young; William Duncan.

Secretary—John J. Buchan, Omoa House, Cleland.

Assistant Secretaries—J. A. M'Cormick, M.A. (Divinity); Ivy M'Kenzie, M.A. (Arts); John L. Wark, M.A. (Law); W. Adam Burns (Medicine); and J. N. Dawe (Science).

Treasurer—A. S. Middleton, M.A., 60 Cadder Street, Pollokshields.

Executive Committee:—The Office-Bearers, with
Arts—P. W. Monie, M.A., James M. Black.
Medicine—A. G. M'Kendrick, G. F. Buchan.
Divinity, Law, Science—D. G. Webster, B.D.

I.—THE UNIVERSITY.

The University of Glasgow is a corporate body, which has always included a Chancellor, Rector, Dean of Faculties, Principal, Professors, and Students. It was originally founded, like most other ancient establishments of the same nature, by the authority of the See of Rome. Pope Nicholas V., by a bull, dated the seventh of January, 1450-1, erects and establishes in Glasgow a "*Studium Generale . . . tam in theologia ac jure canonico et civili, quam in artibus, et quavis alia licita facultate.*" He then declares that this University shall have the same power of creating Masters and Doctors as any other "*studium generale*" in Christendom, and appoints the Bishop of Glasgow and his successors, Chancellors and Rectors by his authority. In the same year a body of statutes was prepared, and the University established by the exertions of the Bishop and his Chapter. It consisted, at this time, of the Chancellor and Rector, of various Masters and Doctors in the Faculties of Theology, Canon Law, and the Arts; and, lastly, of the incorporated students in these Faculties, who might be promoted to the same degrees in each, after following out the course of study prescribed in the statutes.

The University, at this time, had received no endowments, and was possessed of no property, except a University purse, into which were put some small perquisites on conferring degrees, and the patronage of two or three small chaplainries. It continued, however, to discharge its important functions with great zeal and activity, and attracted a greater number of members than could well have been expected in that rude period of society. The University Records contain little information as to lectures delivered in the Higher Faculties, or the number of the students who attended them. But we learn that within three or four years after the establishment of the University, so many young men were matriculated in the Faculty of Arts, that it was thought expedient to provide a house in which they might reside, and to secure a regular set of teachers for their instruction.

The house provided for the accommodation of the students in Arts was known by the name of Pædagogium, or the College of Arts. It is said to have been situated in the Rottenrow ; but in the year 1460, James, Lord Hamilton, bequeathed to Mr. Duncan Bunch, principal Regent of the College of Arts, and his successors, Regents, for the use of the said College, a tenement in the High Street, with four acres of land adjoining. In buildings situated on this ground the classes of the University continued to meet for upwards of four hundred years.

The Reformation produced at first great disorder in the University, its members being clergymen of the Catholic persuasion, and its chief support being derived from the Church. In 1577, James VI. prescribed very particular rules with regard to the College and the form of its government, and made a considerable addition to its funds. The charter by which the king made these regulations, and gave that property, is known by the name of *Nova Erectio.*

By this charter, provision was made for the support of a Principal, who was to teach Theology and the Holy Scriptures, and was also Professor of Hebrew and Syriac, and three Regents, of whom one was to teach Greek and Rhetoric, another Dialectics, Morals, and Politics, with the Elements of Arithmetic and Geometry, and the third, who was also Sub-Principal, was to teach all the branches of Physiology and Geography, Chronology and Astrology. The Regents were to keep each by his own Profession, so that the student had a new Regent every year.[1]

From this small beginning, the University continued to prosper till the era of the Restoration, having at that time, besides the Principal, two Professors of Theology, one of Medicine, four Regents or Professors of Philosophy, and one of Humanity, a Librarian, with a tolerable Library, an increased number of Bursars and of other students of all ranks. At the Restoration, however, being deprived of a great part of its revenues in consequence of the re-establishment of Episcopacy, three of the Professorships fell into abeyance, and the College was again reduced to a Principal, a Professor of Theology, and four Regents. This state of matters continued till the Revolution, when the University again began to prosper after a long period of depression.[1] In the next thirty years seven Professorships were either originally founded or revived, viz. :—those of Mathematics (1691), Humanity (1706), Oriental Languages (1709), Civil Law (1712), Medicine (1712), Church History (1716), and Anatomy (1718); and to these a Professorship of Astronomy was added in 1760. The remaining eighteen Professorships were founded during the present century, viz. :—Natural History, (1807), Surgery (1815), Midwifery (1815), Chemistry (1817), Botany (1818), Materia Medica (1831), Institutes of Medicine (1839), Forensic Medicine (1839), Civil Engineering (1840), Conveyancing (1861), English Language and Literature (1861), Divinity and Biblical Criticism (1861), Clinical Surgery (1874), Clinical Medicine (1874), Naval Architecture (1883), History (1893), Pathology (1893), Political Economy (1896).

---

[1] This system was altered in 1642, in accordance with the practice of the other Universities ; but returned to after the Revolution. The four classes necessary to Graduation in Arts were called—the first, Bajan ; the second, Semi ; the third, Baccalour ; the fourth, Magistrand.

UNIVERSITY BUILDINGS.

The changes in the City of Glasgow having so entirely altered the character of the district in which the University Buildings were planted four hundred years ago, as to render the locality altogether unsuitable for an Academic Institution; and the buildings themselves having become, by their limited extent and defective construction, inadequate for the modern requirements of a great educational establishment; measures were adopted for the removal of the University to more extended and commodious buildings, and for this purpose a large extent of ground was secured in the lands of Gilmorehill, in the western part of the City.

In 1846, a Bill for the sale of the College grounds and buildings to the Monklands Junction Railway Company, and the transference of the University to a new site on Woodlands, was passed by both Houses of Parliament, and received the Royal assent. But that measure failed by the inability of the Railway Company to implement their engagements; and the Senate of the University found no favourable opportunity for the renewal of the scheme, till the year 1863, when a proposal for the purchase of the College lands and buildings was made by the City of Glasgow Union Railway Company, and a sale was accordingly effected to that Company, under their Act of Parliament, in 1864, at the price of £100,000.

---

[1] See Dr. Thomas Reid's Account of the University of Glasgow.

The funds at the disposal of the University to carry out the scheme of removal consisted of—(1.) The produce of the sale of the old College and grounds, £100,000,—(2.) A sum of £17,500, consisting of the principal sum of £10,000, obtained by the University as compensation from the Monklands Junction Company, for non-fulfilment of their agreement, with interest since the time of payment, and—(3.) A sum of £21,400, promised by her Majesty's Government in aid of the scheme of removal, conditionally on a further sum of £24,000 being raised by public subscription, for the erection of a sick hospital in connection with the new University Buildings.

With these funds at their disposal, buildings might have been erected sufficient for the transaction of the ordinary business of instruction in the same manner as heretofore, and for the accommodation of the Library and Museum, but they must have been of the plainest design, and on a scale quite inadequate to provide for the future extension of the University.

In these circumstances, the Senate resolved to make an earnest appeal for aid to the Government and to the public. This appeal was responded to in the most generous and gratifying manner. In a short time a sum of nearly £100,000 was subscribed, chiefly in the City of Glasgow; and the Government, appreciating the importance of the work, and the public interest it had excited, announced their intention to ask Parliament for the sum of £120,000, in six annual instalments, on condition of a like amount being raised by subscription and expended on the buildings. This sum was paid out of the National Treasury, and there has been received from the public subscription for the University Buildings and the Western Infirmary and from legacies the large amount of £261,429, including £45,000 from the Marquis of Bute for the erection of the Bute Hall, £5,000 from Dr. J. M'Intyre for the University Union Buildings, £5,000 from the Bellahouston Trustees for Medical Buildings in the Women's department, £4,274 from the late Sir William Pearce, Bart., for the removal of the old College front and the re-erection of the materials at the north-east gateway, £5,000 bequeathed by Mr. Andrew Cunninghame, and £1,000 (less legacy duty) bequeathed by Mr. James Marshall for the completion of the tower, and special subscriptions amounting to £2,600 for building and furnishing the Gymnasium. A sum of £30,000 was allocated to the Western Infirmary. New buildings, designed by the late Sir G. Gilbert Scott, were erected on the grounds of Gilmorehill; and in these buildings the classes of the University met for the first time in session 1870-71. In 1893 the buildings and grounds were extended by the gift of North Park House and Grounds for the use of the women students of the University.

GOVERNMENT OF THE UNIVERSITY.

Previous to the Universities Act of 1858 the whole business of the University was transacted in three distinct courts—namely the Senate, the Faculty, and the Comitia.

The *Senate* consisted of the Rector, the Dean, the Principal, and all the Professors of the University. Meetings of the Senate were held for conferring degrees, and for the management of the libraries and other matters belonging to the University.

The *Faculty*, or College Meeting, consisted of the Principal, who presided, and the Professors of Divinity, Church History, Oriental Languages, Natural Philosophy, Moral Philosophy, Mathematics, Logic, Greek, Humanity, Civil Law, Medicine, Anatomy, and Practical Astronomy. The Members of Faculty had the administration of the whole revenue and property of the College, along with the right of exercising the patronage of eight professorships vested in the College. They also presented a Minister to the Parish of Govan, and had the gift of various bursaries.

The Constituent Members of the *Comitia* were the Rector, the Dean, the Principal, the Professors, and the Matriculated Students of the University. The Rector or Vice-Rector presided in this Court, and also in the Senate. Meetings of the Comitia were held for the election and admission of the Rector, for hearing the inaugural discourses of the Principals and Professors previously to their admission to their respective offices, and for promulgating the laws of the University.

Besides these a court, called the *Jurisdictio Ordinaria*, consisting of the Principal, the four Regents (viz., the Professors of Greek, Logic, Ethics, and Physics), and the Professor of Humanity, with the gowned students, met occasionally, for the exercise of discipline over the junior students.

By the Scottish Universities Act, 21 and 22 Vict., chap. 83, important changes were made in the constitution and government of the University. The distinction between the Faculty and the Senate was abolished; two new bodies, called the University Court and University Council, were instituted; and Commissioners were appointed, armed with extensive powers of revision and regulation, who issued ordinances, sanctioned by Her Majesty, for the administration of the affairs of the University.

Further changes were made by the Universities (Scotland) Act, 1889. A Committee of Her Majesty's Privy Council was constituted, styled the Scottish Universities Committee of the Privy Council. An Executive Commission was created and is now sitting, with power to repeal or modify any ordinance made under the Act of 1858. The Commissioners have issued ordinances, *inter alia*, for Degrees in Arts, Science, Divinity, Law, and Medicine, and for the graduation and instruction of Women. They have also issued an ordinance (No. 60) laying down regulations for the constitution of the Students' Representative Council, and regulations under which that Council shall be entitled to petition the Senatus Academicus and the University Court.

CHANCELLOR.

The Chancellor is the head of the University, and, by himself or his deputy, has the privilege of conferring Academical Degrees upon persons found qualified by the Senate. All changes in the internal arrangements of the University must have the sanction of the Chancellor before being carried into effect. He is elected by the General Council, of which he is president. His office is held during life. He nominates an Assessor in the University Court, and he is empowered to appoint a Vice-Chancellor to discharge his office in his absence, so far as regards conferring Degrees, but in no other respect. The office of Vice-Chancellor has usually been, and is now, held by the Principal.

Chancellors from the year 1642.

1642.	James Hamilton, Marquis of Hamilton.
1660.	William Cunningham, Earl of Glencairn.
1661.	Andrew Fairfowl, Archbishop of Glasgow.
1664.	Alexander Burnett, ,, ,,
1670.	Robert Leighton, ,, ,,
1674.	Alexander Burnett, ,, ,,
1679.	Arthur Ross, ,, ,,
1684.	Alexander Cairncross, ,, ,,
1687.	John Paterson, ,, ,,
1692.	John Carmichael, Earl of Hyndford.
1715.	James Graham, Duke of Montrose.
1743.	William Graham, ,, ,,
1781.	James Graham, ,, ,,
1837.	James Graham, ,, ,,
1875.	Sir William Stirling-Maxwell, Bart., M.P.
1878.	Walter Francis, Duke of Buccleuch and Queensberry, K.G.
1884.	JOHN HAMILTON DALRYMPLE, EARL OF STAIR, K.T.

RECTOR.

The Rector is elected by the matriculated students of the University, divided into four nations.[1] In the case of an equality of nations the Chancellor had, in accordance with the Act of 1858, the casting vote, but under the Act of 1889 the Commissioners have ordained (Ord. No. 7) that the election shall be determined by the majority of votes of all the students voting whenever the votes of the nations shall be equally divided. The Universities Commission (1858) ordained that the election should take place upon the 15th November (the 16th, if the 15th fell on a Sunday); but by Ordinance No. 139 of the Universities Commission (1889), the election is to take place on such day in the month of October or November as may be fixed by the University Court after consultation with the

---

[1] The nations are constituted as follows :—

1. The Natio Glottiana consists of all matriculated students born within the County of Lanark.

2. The Natio Transforthana consists of all matriculated students born within any of the Counties of Orkney and Shetland, Caithness, Sutherland, Ross, Inverness, Cromarty, Nairn, Moray, Banff, Aberdeen, Perth, Forfar, Kincardine, Clackmannan, Fife, Kinross, Argyle, Stirling, and Dumbarton.

3. The Natio Rothseiana consists of all matriculated students born within any of the Counties of Bute, Renfrew, and Ayr.

4. The Natio Loudoniana consists of all matriculated students not included in any of the other nations.

Senate, but the date cannot be later than the second Saturday in November in any year. The term of office is three years. The Rector is the official President of the University Court.

Rectors from 1773.

1773. Charles Cathcart, Lord Cathcart.
1775. Lord Chief Baron Montgomerie.
1777. Andrew Stewart, Esq. of Torrance.
1779. James Maitland, seventh Earl of Lauderdale.
1781. Right Hon. Henry Dundas.
1783. Right Hon. Edmund Burke.
1785. Robert Graham, Esq. of Gartmore.
1787. Adam Smith, LL.D.
1789. Walter Campbell, Esq. of Shawfield.
1791. Thomas Kennedy, Esq. of Dunure.
1793. William Mure, Esq. of Caldwell.
1795. William M'Dowall, Esq. of Garthland.
1797. George Oswald, Esq. of Auchincruive.
1799. Right Hon. Sir Ilay Campbell, Lord President
1801. William Craig, a Lord of Session.
1803. Lord Chief Baron Dundas.
1805. Henry Glassford, Esq. of Dugalston.
1807. Archibald Colquhoun, Esq. of Killermont.
1809. Archibald Campbell, Esq. of Blythswood.
1811. Lord Archibald Hamilton.
1813. Thomas Graham, Lord Lynedoch.
1815. David Boyle, Lord Justice Clerk.
1817. George Boyle, Earl of Glasgow.
1819. Kirkman Finlay, Esq., M.P.
1820. Francis Jeffrey, Esq., Advocate.
1822. Sir James Mackintosh, M.P.
1824. Henry Brougham, Esq., M.P.
1826. Thomas Campbell, LL.D.
1829. Henry Petty, Marquis of Lansdowne.
1831. Henry Cockburn, Esq., Solicitor-General.
1834. Lord Stanley, M.P.
1836. Sir Robert Peel, Bart., M.P.
1838. Sir J. G. R. Graham, Bart., M.P.
1840. John Campbell, Marquis of Breadalbane.
1842. Right Hon. Fox Maule, M.P.
1844. Andrew Rutherford, Esq.
1846. Lord John Russell.
1847. Colonel Mure of Caldwell.
1848. Thomas Babington Macaulay, Esq.
1850. Archibald Alison, Esq., Sheriff of Lanarkshire.
1852. Earl of Eglinton.

1854. Duke of Argyle.
1856. Sir Edward Bulwer Lytton.
1859. Earl of Elgin.
1862. Viscount Palmerston.
1865. John Inglis, Lord Justice Clerk.
1868. Lord Stanley (afterwards Earl of Derby).
1871. Right Hon. Benjamin Disraeli, M.P. (Earl of Beaconsfield).
1877. Right Hon. William Ewart Gladstone, M.P.
1880. Right Hon. John Bright, M.P.
1883. Right Hon. Henry Fawcett, M.P.
1884. Edmund Law Lushington, LL.D., D.C.L.
1887. Right Hon. Earl of Lytton, G.C.B., G.C.S.I., C.I.E.
1890. Right Hon. Arthur James Balfour, M.P.
1893. Right Hon. Sir John Eldon Gorst, M.P.
1896. Right Hon. Joseph Chamberlain, M.P.

DEAN OF FACULTIES.

From the beginning there has been in the University an officer of dignity with the title of Dean of Faculty or Dean of Faculties. The duties of the office, as originally constituted, were to exercise a superintendence over the studies, and, in conjunction with the Masters, to judge of the qualifications of applicants for degrees. From the year 1772 it was the duty of the Dean, in concert with the Rector and the Minister of Glasgow, to examine the accounts of the administration of the Revenue, and to give advice to the Principal and Professors, when it was necessary for them to institute a judicial inquiry into the conduct of any of their number. By the Universities Act of 1858 the Dean of Faculties was a member of the University Court, but in the enumeration of the constituent members of the new University Court in the Act of 1889 the name does not occur. The election is made annually by the Senate at the close of the winter session.

Deans from the year 1800.

1800. James Couper, D.D.
1802. Archd. Campbell, Esq., of Succoth.
1804. Gavin Gibb, D.D.
1806. Duncan Macfarlan, D.D.
1808. Gavin Gibb, D.D.
1810. Duncan Macfarlan, D.D.
1812. Gavin Gibb, D.D.
1814. Stevenson Macgill, D.D.
1815. Archibald Campbell, Esq., M.P.
1817. Sir John Connel
1819. Archibald Campbell, Esq., M.P.
1821. Sir John Connel.
1823. Archibald Campbell, Esq., M.P.
1825. Sir John Connel.
1827. Archibald Campbell, Esq., M.P.
1829. Sir John Connel.
1831. Archibald Campbell, Esq.
1833. Sir A. Campbell, Bart.
1835. Archibald Campbell, Esq.
1837. Sir A. Campbell, Bart.
1839. Kirkman Finlay, Esq.
1841. Lord Dunfermline.

1843. Sir T. Makdougall Brisbane, Bart.
1845. A. Maconochie, Lord Meadowbank.
1847. Earl of Eglinton.
1849. Colonel Mure of Caldwell, M.P.
1851. W. Lockhart, Esq., M.P.
1853. Colonel Mure.
1854. W. Lockhart, Esq.
1857. W. Stirling, Esq., of Keir, M.P.
1860. J. Moncreiff, Lord Advocate.
1863. Sir A. I. Campbell of Succoth.
1865. Henry Glassford Bell, Esq.
1868. Sir James Fergusson, Bart.
1869. Sir Thos. E. Colebrooke, Bart., M.P.
1872. Archd. Orr Ewing, Esq., M.P.
1876. Alexander B. M'Grigor, LL.D.
1879. James King, Esq.
1882. R. W. Cochran-Patrick, LL.D., M.P.
1885. Alexander Crum, Esq., M.P.
1888. Robert Berry, LL.D.
1896. W. P. Dickson, D.D., LL.D., Emeritus Professor of Divinity.

PRINCIPAL.

The office of Principal or Principal Regent of the College was almost coeval with the foundation of the University, and was regulated anew by James VI., in 1577. It is in the appointment of the Crown. The Principal is President of the Senatus Academicus; and is also, *ex officio*, a member of the University Court.

Principals from the year 1574.

1574. Andrew Melville.
1580. Thomas Smeaton.
1582. Patrick Sharpe.
1615. Robert Boyd.
1622. John Cameron, D.D.
1626. John Strang, D.D.
1650. Robert Ramsay.
1653. Patrick Gillespie.
1661. Robert Baillie, D.D.
1662. Edward Wright.
1684. James Fall.
1690. William Dunlop.
1701. John Stirling.
1728. Neil Campbell.
1761. Wm. Leechman, D.D.
1786. Archd. Davidson, D.D.
1803. William Taylor, D.D.
1823. Duncan M'Farlan, D.D.
1858. Thomas Barclay, D.D.
1873. John Caird, D.D.

UNIVERSITY COURT.

The University Court consists of (*a*) the Rector, (*b*) the Principal, (*c*) the Lord Provost of Glasgow for the time being, (*d*) an Assessor nominated by the Chancellor, (*e*) an Assessor nominated by the Rector, (*f*) an Assessor nominated by the Lord Provost, Magistrates, and Town Council of Glasgow, (*g*) four Assessors elected by the General Council, (*h*) four Assessors elected by the Senatus Academicus. There is a further provision in the Act of 1889 for the representation of affiliated Colleges.

Assessors since the University Court was constituted.

CHANCELLOR.

1859. John Robertson, D.D., Glasgow.
1865. A. Sym, D.D., New Kilpatrick.

1870. James Pearson, D.D., Strathblane.
1874. Robert Jamieson, D.D., Glasgow.
1878. J. A. Campbell, LL.D., Stracathro.
1887. Sir James King, Bart., LL.D.

RECTOR.

1860. Thomas Buchanan, Esq.
1863. Walter Buchanan, Esq., M.P.
1866. Archibald Orr Ewing, Esq.
1869. James A. Campbell, LL.D.
1878. Alexander Crum, Esq.
1880. Charles Cameron, M.D., LL.D., M.P.
1884. A. B. M'Grigor, LL.D.
1887. James Grahame, Esq.
1890. Lord Blythswood, LL.D.
1893. Matthew P. Fraser, LL.B.
1896. David Murray, LL.D.

LORD PROVOST, MAGISTRATES, AND TOWN COUNCIL OF GLASGOW.

1889. James Colquhoun, LL.D.

GENERAL COUNCIL.

1859. Andrew Bannatyne, LL.D.
1864. Lord Kinloch.
1867. Anderson Kirkwood, LL.D.
1887. R. W. Cochran-Patrick, LL.D.
1889. David Hannay, Esq.
1889. Hector C. Cameron, M.D.
1889. Sir John Neilson Cuthbertson.
1891. Rev. J. W. King, M.A., D.D.
1891. D. C. M'Vail, M.B.
1893. Hector C. Cameron, M.D.
1893. Sir John Neilson Cuthbertson.
1895. Rev. J. W. King, D.D.
1895. D. C. M'Vail, M.B.

SENATUS ACADEMICUS.

15th Nov., 1859. Professor W. Ramsay, M.A.
11th Dec., 1863. Professor R. Buchanan, LL.D.
12th Dec., 1867. Professor Allen Thomson, M.D.
11th Jan., 1872. Professor Sir W. Thomson.
13th Jan., 1876. Professor Cowan, M.D.
29th Jan., 1880. Professor Berry, M.A., LL.D.
31st Jan., 1884. Professor Dickson, D.D., LL.D.
9th Feb., 1888. Professor Ramsay, LL.D.
28th Nov., 1889. Professor Leishman, M.D.
28th Nov., 1889. Sheriff Berry, LL.D.
28th Nov., 1889. Professor Stewart, D.D.
28th Nov., 1890. Professor Ramsay, LL.D.

30th Nov., 1891.	Professor Leishman, M.D.
28th Nov., 1892.	Sheriff Berry, LL.D.
28th Nov., 1893.	Professor Stewart, D.D.
30th Nov., 1893.	Professor Gairdner, M.D., LL.D.
28th Nov., 1894.	Professor Jack, LL.D.
30th Nov., 1895.	Professor Gairdner, M.D., LL.D.
28th Nov., 1896.	Sheriff Berry, LL.D.

The Rector's Assessor continues in office three years, and the other Assessors four years.

The University Court is a body corporate, in which is vested all the property belonging to the University. By the Act of 1889 it is enacted that the University Court, in addition to the powers conferred upon it by the Act of 1858, shall, subject to any ordinances made by the Commissioners, have power—

1. To administer the whole revenue and property of the University, including share of annual Government Grant, and bursary and other mortifications.

2. To review any decision of the Senate, appealed against by a member of Senate or other member of the University interested,[1] and to receive representations and reports from the Senate and the General Council.

3. To review, on representation by any member of the University Court or by any member of Senate, any decision of the Senate in the exercise of its powers of regulating and superintending the teaching and discipline of the University; but decisions in matters of discipline can be reviewed only on appeal by a member of Senate or by a member of the University directly affected.

4. To appoint professors to chairs in University patronage; to appoint examiners and lecturers; and to recognize for graduation purposes the teaching of any college or individual teacher, under any regulations laid down by the Commissioners, which regulations, after the expiration of the powers of the Commissioners, may from time to time be modified or altered by the Universities Committee.

5. To define on application by any member of the Senate the nature and limits of a professor's duties under his commission, subject to appeal to the Universities Committee.[2]

---

[1] An appeal against any decision of the Senate must be lodged with the Secretary of the University Court within fourteen days from the date of the issue of such decision. See Ordinance No. 5.

[2] Ordinance No. 144, which was issued on 20th March, 1895, and which comes into force immediately after the expiration of the powers of the Commissioners (1889),

6. To take proceedings against a principal or professor, University lecturer, assistant, recognized teacher or examiner, or any other person employed in teaching or examining.

7. To appoint from persons not being members of Senate one third of the members of any standing committee or committees charged, by ordinance of the Commissioners, with superintendence of University libraries or museums, and to review any decision of the Senate regarding the recommendations of such committee or committees.

8. To appoint committees of its own number, consisting of not less than five members, to report on any business entrusted to them or to carry out special instructions.

9. To elect the representative of the University on the General Medical Council, under the Medical Act, 1886.

10. After the expiration of the powers of the Commission to found new professorships with the approval of the Universities Committee.[1] After such expiration no new professorship shall be founded otherwise.

The Court is entrusted with the patronage of several of the Professorships, appoints the additional Examiners for Degrees, and is a court of final appeal in any dispute which may arise in making up the Register of the General Council. Seven Members of the Court constitute a quorum. The Rector is President—in his absence, the Principal.

An abstract of the minutes of the meeting of the University Court during 1896-97 will be found towards the end of the Calendar.

SENATUS ACADEMICUS.

The Senatus Academicus consists of the Principal and the whole of the Professors, and is entrusted with the regulation and superintendence of the teaching and discipline of the University. It appoints two-thirds of the members of any standing committee or committees charged by ordinance of the Commissioners with the immediate superintendence of University libraries or museums. It receives in the first instance

---

empowers the University Court at any time to revise and adjust the terms of the commission to be issued at the next vacancy of any chair, with regard to the number of lectures and the period of instruction.

[1] Ordinance No. 144 enjoins the University Court before proceeding to the foundation of any new Professorship, to ascertain that there are sufficient means for its endowment, and also to take into consideration the contingent claim which the Professor may have to a pension.

all reports by such committee or committees, and, subject to the review of the University Court, it may confirm, modify, or reject the recommendations in such reports. The Principal, as President, has a deliberative and a casting vote. One third of the Senate constitute a quorum.

FACULTIES.

The Universities Commissioners, by Ordinance No. 31, dated 5th June, 1893, settled the constitution of the several Faculties in this University, as follows :—I. The Faculty of Arts consists of the Professors of the following subjects, viz., English Language and Literature, Humanity, Greek, Hebrew and Semitic Languages, Mathematics, Natural Philosophy, Logic and Rhetoric, Moral Philosophy, History, Political Economy.[1] II. The Faculty of Science consists of the Professors of the following subjects, viz., Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History, Botany, Anatomy, Physiology, Civil Engineering and Mechanics, Naval Architecture. III. The Faculty of Medicine consists of the Professors of the following subjects, viz., Chemistry, Natural History, Botany, Anatomy, Physiology, Pathology, Materia Medica, Medicine, Surgery, Midwifery, Forensic Medicine, Clinical Medicine, Clinical Surgery. IV. The Faculty of Law consists of the Professors of the following subjects, viz., Law, Forensic Medicine, Conveyancing, Political Economy.[1] V. The Faculty of Divinity consists of the Professors of the following subjects, viz., Divinity, Divinity and Biblical Criticism, Ecclesiastical History, Hebrew and Semitic Languages. The University Court has power to transfer Chairs from one Faculty to another, and in the event of the foundation of new Chairs, to determine to which Faculty or Faculties such Chairs shall belong.

The Professors constituting each Faculty annually elect one of their number to be Dean of the Faculty.

LECTURERS.

By Ordinance No. 17[2] of the Universities Commission (1889), the University Court is empowered to appoint, after consultation with the Senatus, Lecturers, whose teaching shall (unless otherwise determined by the University Court) qualify for graduation. They are appointed for a period not exceeding five years, but may be re-appointed. University Assistants or Demonstrators are eligible for appointment as Lecturers and *vice versa* ; and both offices may be held at the same time by the same person.

---

[1] See Ordinance No. 149, Section i.

[2] This ordinance is printed at length in the University Calendar for 1893-94, at pp. 504, 505.

Ordinance No. 65 provides that the classes of University Lecturers shall be conducted at the seat of the University, *i.e.* in the city of Glasgow and the immediate neighbourhood thereof, that no classes conducted by Lecturers elsewhere shall qualify for graduation in any Faculty, and that University Lecturers shall be in all respects subject to the discipline of the Senatus Academicus and of the University Court.

BOARDS OF STUDIES.

By Ordinance No. 11 of the Universities Commission (1889), it is provided that the Senate shall institute Boards of Studies corresponding as nearly as may be to the departments of study for graduation in Arts. Each Board of Studies consists of the Principal, the Dean of the Faculty of Arts, and such other members of the Senate and Lecturers in the University as the Senate may from time to time select, a member of the Board being appointed Convener by the Senate. The functions of these Boards are defined in Ordinance No. 11, sections xviii. and xix.

Provision is made in Ordinance No. 42 for the institution of one or more Boards of Studies in each of the Faculties of Medicine and Science. In Medicine the constituent members of the Board or Boards are Professors in the Faculty of Medicine, together with such Professors in other Faculties whose subjects qualify for graduation in Medicine, and such Lecturers in the University as the Senate may from time to time select. The Board or Boards of Studies in Science are similarly constituted *mutatis mutandis.* The Dean of the Faculty of Medicine is Convener of each Board of Studies in Medicine ; the Senate appoints the Convener of each Board of Studies in Science.

UNIVERSITY ASSISTANTS OR DEMONSTRATORS.

By Ordinance No. 17[1] of the Universities Commission (1889), the University Court is empowered to determine, after consultation with the Senatus, the number and grade of the Assistants, if any, to be assigned to each Professor. The appointments are made by the University Court on the recommendation of the Professors. The duties of each Assistant are defined by the Professor, with the approval of the Senate. The Assistants are recognized as Officers of the University, and are styled University Assistants or Demonstrators, as the University Court may determine.

The Arnott and Thomson Demonstratorship, founded in 1875, is attached to the Chair of Natural Philosophy; the Muirhead Demonstratorship, founded in 1877, to the Chair of Physiology; and the Baxter Demonstratorship in Geology, founded in 1889, to the Chair of Natural History.

There is also an Assistantship to the Professor of Engineering, which was founded in 1876 by the bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow, with a salary of £140 or thereby, and designated in memory of her father, the Young Assistantship. The appointment is made by the University Court in conjunction with the Professor of Engineering.

EXAMINERS FOR DEGREES.

By Ordinance No. 13, Sections xiv.—xvi., of the Universities Commission (1889), the Examiners for graduation in Arts, Science, and Medicine respectively are the Professors whose subjects qualify for graduation, together with such Lecturers in the University and such additional Examiners, appointed by the University Court, as the Court may deem necessary. In the case of Medicine, the Court is required to make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

By Ordinances No. 39, Section vii., and No. 40, Section vii., of the Universities Commission (1889), the Examiners for graduation in Law are the Professors and Lecturers whose subjects qualify for graduation, and additional Examiners appointed by the University Court.

---

[1] See second note on page 38.

By Ordinance No. 63, section ii., of the Universities Commission (1889), the Examiners for graduation in Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

GENERAL COUNCIL.

[*For names, etc., of Members, see Appendix.*]

The General Council as constituted by the Scottish Universities Act, 1858 (21 and 22 Vict., chap. 83), by the Representation of the People (Scotland) Act, 1868 (31 and 32 Vict., chap. 84), and by the Universities Elections Amendment (Scotland) Act, 1881 (44 and 45 Vict., chap. 40), consists of the following *ex officio* Members, viz., the Chancellor, the Members of the University Court from and after their first election, and the Professors, and also of the following persons after registration, viz., all Masters of Arts of the University, and all persons on whom the University has, after Examination, conferred the Degree of Doctor of Medicine, or Doctor of Science, or Bachelor of Divinity, or Bachelor of Laws, or Bachelor of Medicine, or Bachelor of Science, or any other Degree instituted since 13th July, 1868; and also all persons who, previous to the 2nd August, 1861, had, as matriculated students, given regular attendance on the course of study in this University for four complete sessions, or such regular attendance for three complete sessions in this University, and regular attendance for one such complete session in any other Scottish University, the attendance for at least two of such sessions having been on the course of study in the Faculty of Arts.

Members of the Council must have their names enrolled in a book kept for the purpose by the Registrar. The Register of the Council is made up annually in the month of December, for the year following, and includes the names of all members entered on the Registration Book on or before the 30th day of November in each year. The Registration Fee, which is a payment for life, is 20s.

By section 16 of the Act 44 and 45 Vict., chap. 40, it is enacted that no person shall be allowed, after examination, to graduate at any of the Universities of Scotland until he shall have paid the Registration Fee; and it is further enacted that every person who has hitherto been, or who shall in the future become, *ex officio*, a member of the General Council of any of the Universities shall, on payment of the Registration Fee, be put and continued on the Register of Members of General Council of such University during his life, and shall be entitled to all the privileges of a Member of Council. The Act also provides that no person, subject to any legal incapacity, shall be entitled to vote at any parliamentary election, or exercise any other privilege as a member of the General Council.

The corrupt payment of any Registration Fee is punishable as bribery.

The Council meets twice every year—viz., on the last Wednesday of October, and the first Wednesday of April. In addition to these statutory meetings the Council may hold special meetings at the instance of the Chancellor, who shall convene such meetings on a requisition from a quorum of members, and the Council may adjourn any meeting, and may appoint committees to investigate into and report upon any matter remitted to them, or to carry out instructions given to them by the Council. The quorum of the General Council has been fixed by the Universities Commissioners at ten for every complete thousand or fraction of a thousand on the Register, so that for the present year sixty members are requisite to constitute a quorum, there being 5406 names on the Register, but this provision does not apply to the statutory half-yearly meetings. It is competent to the Council to take into consideration all questions affecting the well-being and prosperity of the University, and to make representations from time to time to the University Court, who shall return to the Council their deliverances thereon. The annual reports as to the statistics of attendance and as to the finances of the University, made by the University Court to the Secretary for Scotland, are to be laid by him before the General Council. To it are also to be communicated all new ordinances, or changes of existing ordinances, which may be proposed by the University Court.

The Chancellor and four of the Assessors in the University Court are elected by the Council. The manner in which these officers are elected is regulated by Ordinance No. 9 of the Universities Commission (1889). The President of the Council is the Chancellor; whom failing, the Rector; whom failing, the Principal; whom failing, the Chancellor's Assessor; whom failing, the Rector's Assessor. In the absence of all these officials, a Chairman shall be elected by the meeting; but in the election of Assessors the members of Senate may not take part.

The General Councils of the Universities of Glasgow and Aberdeen jointly return a representative to Parliament. The Vice-Chancellor of Glasgow University is the returning officer.

Members of Parliament for the Universities of Glasgow and Aberdeen.

1868. Right Hon. James Moncrieff, LL.D., Lord Advocate.
1869. Right Hon. Edward S. Gordon, LL.D., Dean of the Faculty of Advocates.
1876. Right Hon. William Watson, LL.D., Lord Advocate.
1880. **JAMES ALEXANDER CAMPBELL**, LL.D.

STUDENTS' REPRESENTATIVE COUNCIL.

The constitution and functions of the Students' Representative Council are regulated by Ordinance No. 60, the provisions of which are as follows:—

I. The Students' Representative Council in each University shall submit to the University Court for approval the regulations under which it has been formed or now exists, and these regulations as approved, or with such alterations as may from time to time be approved by the University Court, shall form the constitution of the Students' Representative Council, and shall, subject to the provisions of this Ordinance, determine the functions thereof, and the mode of election thereto.

II. After the University Court has approved of the constitution of a Students' Representative Council in any University, alterations in the said constitution shall be of no effect unless and until they shall receive the approval of the University Court.

III. (1) The Students' Representative Council shall be entitled to petition the Senatus Academicus with regard to any matter affecting the teaching and discipline of the University, and the Senatus Academicus shall dispose of the matter of the petition, or shall, if so prayed, forward any such petition to the University Court, with such observations as it may think fit to make thereon.

(2) The Students' Representative Council shall be entitled to petition the University Court with regard to any matter affecting the students other than those falling under the immediately preceding sub-section.

(3) Nothing contained in this section shall be held to prejudice any right of appeal which may be competent under

section 6, sub-section 2, of the Universities Act, 1889, nor the powers and jurisdiction of the Senatus Academicus with regard to the teaching and discipline of the University.

The Council at present consists of representatives from the different years of all the different Faculties in the University, and its aims are (1) to represent the Students in matters affecting their interests; (2) to afford a recognized means of communication between the Students and the University authorities; (3) to promote social and academic unity among the Students. A Union Committee appointed by the Council completed in Session 1889-90 the arrangements for opening the "Glasgow University Union." The Council has various Sub-Committees—an Inter-Universities Committee, a Magazine Committee, which conducts during the winter session the "Glasgow University Magazine" (published weekly), an Amusements Committee, and a Song Book Committee.

Presidents of the Students' Representative Council.

1885-86.	R. M. Wenley, M.A.
1886-87.	Gavin Lambie, M.A.
1887-88.	C. E. Robertson, M.B., C.M.
1888-89.	John H. Harley, M.A.
1889-90.	Robert Bell, M.B., C.M.
1890-91.	William Newlands.
1891-92.	John White, M.A.
1892-93.	R. S. Horne, M.A.
1893-94.	John H. Pagan, B.D.
1894-95.	William M. R. Pringle.
1895-96.	John S. Thomson.
1896-97.	HYAM GOODMAN, M.A.

STUDENTS.

Number of Students in the several Faculties, Session 1896-97:—

MEN.		
In Arts (including Summer Matriculation of 1896, 13),	571	
Science (including Summer Matriculation of 1896, 4),	117	
Theology,	61	
Medicine (including Summer Matriculation of 1896, 103),	658	
Law (including Summer Matriculation of 1896, 1),	218	
Arts and Medicine,	3	
Science and Theology,	1	
Arts and Science,	8	
Arts and Law,	7	
Science and Medicine,	5	
Arts, Science, and Medicine,	1	
Single Class Enrolment,	26	
		1676
WOMEN.		
In Arts (including Summer Matriculation of 1896, 2),	164	
Science,	5	
Medicine (including Summer Matriculation of 1896, 6),	79	
		248
Total,		1924

Ordinance No. 50 of the Universities Commission (1889) requires that each student shall pay a matriculation fee of One Guinea, at the commencement of each winter session, for the whole academical year then next ensuing; and any student desirous of attending a class or classes during a summer session, without having matriculated at the commencement of the immediately preceding winter session, shall in respect of such summer session pay a matriculation fee of half a guinea. Ordinance No. 147 contains the following regulation with regard to matriculated students:—No person shall be deemed to be a matriculated student in any University or shall enjoy any of the privileges of a matriculated student unless, in addition to paying the matriculation fee, he is enrolled as a student in attendance in one or more classes in the University, and has paid the fees entitling him to such attendance: provided that nothing herein contained shall affect the right of the University Court to exact a fee in lieu of and not exceeding the matriculation fee from any candidate for any examination or for graduation, not being at the time a matriculated student, in addition to the fee payable for such examination or graduation. The University Court is empowered in special circumstances to permit persons who have not matriculated to attend any single class in any Faculty, on payment of an Entrance Fee of Five Shillings in addition to the authorized class fee, subject to the following provisions, viz.:—(1) That attendance on any class without payment of the matriculation fee shall not qualify for graduation in any Faculty, (2) that persons who have not paid the matriculation fee shall not be entitled to a certificate of attendance on any class, and (3) that payment of such entrance fee shall not confer any University privilege other than the right of attendance on such class. The office of the Clerk of Senate will be open for the purpose of Matriculation on and after 13th October.

Students are entitled, after matriculation, to the privilege of admission to the University Library, and, under certain conditions, to the Hunterian Museum; they are also entitled to vote for the Lord Rector. They are classified as students in Arts, Science, Divinity, Law, and Medicine, according to the nature of their studies; and they are likewise, for academical purposes, divided into Togati and Non-Togati—the students of the Humanity, Greek, Logic, Ethics, and Natural Philosophy classes being Togati or gown students, from being required to wear the ancient academical robe—a scarlet cloak.

Under the Non-Togati, or ungowned students, are comprehended all those who, having finished their course of instruction in Arts, are prosecuting their studies in the other Faculties, with a more immediate view to their intended professions; and it comprises also other persons resident in the city or its vicinity, who, though engaged in other avocations, are disposed to cultivate literary pursuits, or to extend their acquaintance with some favourite branches of learning or science, by attending the lectures given at the University.

A distinction is also made between Public and Private students. The former are required to undergo examinations, and to read or perform exercises on the subjects treated of in the lectures,—and they only are allowed to reckon their sessions of study as a qualification for proceeding to degrees in the several Faculties.

By Ordinance No. 18[1] of the Universities Commission (1889) the University Court was empowered to admit women to graduation, and to provide for their instruction, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. Under this ordinance women were for the first time admitted as matriculated students of this University in Session 1892-93.

Medical students have access, for the usual attendance in the wards and on the Clinical Lectures, to the Royal Infirmary situated in the Eastern part of the city, and to the Western Infirmary in the immediate vicinity of the University. In the Royal Infirmary certain wards are appropriated to the clinical instruction of women.

UNIVERSITY CHAPEL.

The University Chapel is under the management of a Committee of Senate, of which the Principal is Convener.

Public Worship is celebrated every Sunday afternoon during the Winter Session at half-past Two o'clock, in the Bute Hall. The services are conducted by graduates of this University and other clergymen of various denominations.

---

[1] This ordinance is given in full in the *University Calendar* for 1892-93, pp. 504-506.

GYMNASIUM.

This building was erected by public subscription, and fitted according to the most improved models, under the superintendence of the late Mr. Maclaren of Oxford, at a total cost of £2600, and was opened for the first time in January, 1872.

The instructor, Mr. Benson, carries out the system of Mr. Maclaren in its entirety. Students are carefully examined and measured on joining, and the exercises graduated according to strength and proficiency. Classes are held on Mondays, Wednesdays, and Fridays from 10 A.M. till 1 P.M., and on the afternoons of Wednesdays and Fridays from 4.30 till 5.30. Students may join any one of the above classes. Each class meets three days a week, with the exception of the afternoon class, which meets only twice a week.

Gentlemen not connected with the University are admitted to the use of the Gymnasium, and a special evening class is formed for their benefit, which meets on Mondays and Thursdays from 8 P.M. till 10 P.M.

Fees.—1. *For all Students:* One month, 5s.; Two months, 8s. 6d.; Three months, 12s.; Six months, 20s. 2. *For Non-Students:* the Quarter (*i.e.* twice a-week for three months), 15s.; whole season (seven months), 35s.

The Oxford Silver Medal, presented annually by the late Mr. Maclaren, for competition among the students, is continued by the Gymnasium, and, at the competition in March, 1897, was gained by W. J. Taylor. The Bronze Medal for competition among the non-students is also continued.

Classes are formed after Christmas to meet twice a week for instruction in boxing and fencing.

In 1894 the Gymnasium Committee agreed to grant the use of the Gymnasium to students attending Queen Margaret College. Suitable hours and days for holding a class are arranged at the beginning of the session. Last year the class met once a week, on Tuesdays at 4.30 P.M.

The Gymnasium is managed by a joint-committee of professors and students.

Hon. Treasurer, Alan E. Clapperton, B.L., 91 West Regent Street, Glasgow.

Hon. Secretary, Selby MacFarlane, 10 Caird Drive, Partickhill.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

This Examination, which the Secretary of State for War has accepted as equivalent to the Examination at the English and Irish Universities for similar candidates, consists of three out of the seven Examinations required for the ordinary degree of M. A., but one subject must be taken out of each of the three separate Departments of Classical Literature, Mental Philosophy, and Mathematics. Candidates must not be over twenty-one years of age. Examination Fee, £2 2s. This Examination is intended only for students who have actually attended classes in the University.

II.—TABLE OF UNIVERSITY FEES.

I.—MATRICULATION FEES.			
At the commencement of each Academical Year, which extends from 1st October to 30th September, and includes both Winter and Summer Sessions, ...	£1	1	0
At the commencement of each Summer Session, if the Student has not matriculated for the Academical Year then current, ...	0	10	6
II.—ENTRANCE FEES.			
On admission, in special circumstances, of persons who are not matriculated Students of the University to any single class in any Faculty, ...	0	5	0
N.B.—Attendance under this Regulation does not qualify for Graduation, and no Certificate for such attendance is given. The Entrance Fee confers no University privileges other than the right of attendance above mentioned.			
III.—ENROLMENT FEES (extra-mural lectures).			
At the commencement of each year of attendance on the lectures of Extra-Academical Teachers in Glasgow, whose Lectures are recognized for Graduation in Medicine or Science, ...	1	1	0
IV.—EXAMINATION FEES.			
For Preliminary Examinations in Arts, Science, or Medicine—			
On each entry for Examination, ...	0	10	6
For Degree of Master of Arts (M.A.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			
For Degree of Bachelor of Science (B.Sc.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for Examination in each subject till £5 5s. are paid.			

For Certificate in Engineering Science—			
On entering for last subject of Examination, ...	£1	1	0
For Degree of Doctor of Letters (D.Litt.)—			
Previous to Graduation, ...	10	10	0
For Degree of Doctor of Philosophy (D.Phil.)—			
Previous to Graduation, ...	10	10	0
For Degree of Doctor of Science (D.Sc.)—			
Previous to Graduation, ...	10	10	0
For Degrees of Bachelor of Medicine (M.B.), and Bachelor of Surgery (Ch.B.)—			
On entering for First Professional Examination, ...	6	6	0
,, Second ,, ,, ...	6	6	0
,, Third ,, ,, ...	5	5	0
,, Fourth ,, ,, ..	5	5	0
For Degree of Doctor of Medicine (M.D.)—Old Regulations—			
On lodging Thesis, ...	5	5	0
For Degree of Doctor of Medicine (M.D.)—New Regulations—			
On entering for Examination, ...	10	10	0
For Degree of Master of Surgery (Ch.M.)—			
On entering for Examination, ...	10	10	0
For Degree of Bachelor of Laws (LL.B.)—New Regulations—			
The Fee for this Degree is	6	6	0
Payable £1 1s. on entering for each subject till £6 6s. are paid.			
For Degree of Bachelor of Law (B.L.)—New Regulations—			
The Fee for this Degree is	5	5	0
Payable £1 1s. on entering for each subject till £5 5s. are paid.			
For Degree of Bachelor of Divinity (B.D.)—			
On entering for Examination in First Department,	2	12	6
,, ,, Second ,,	2	12	6
For Examination of Candidates for the Army—			
On entering for Examination, ...	2	2	0

V.—Class Fees (*see* pages 50—55 and 123, 124).

VI.—Library Fees.

Each Member of the General Council, each year (commencing 14th October) in which he wishes use of Library, ...	0	10	6
Or,			
This may be compounded for by a single payment of ...	5	5	0
Every Matriculated Student enrolled in a Class, and every Extra-Mural Student, who wishes use of Library, a *deposit* of	1	0	0
Special Readers—each year in which the privilege is granted, ...	0	10	6

VII.—Registration Fee.

All Candidates proceeding to Graduation after Examination who are not already members of the General Council are required by the Act 44 and 45 Vict., Ch. 40, to pay the Registration Fee, with a view to their names being enrolled in the General Council. The Fee is £1 0 0

III.—SEPARATE FACULTIES AND CLASSES.

The University Classes will meet as follows, daily, unless otherwise specified :—

WINTER SESSION 1897-98.

I.—ARTS.

Thursday, 14th October, 1897.

Classes.	*Hours.*	*Class Fees.*	
Latin, Junior,	8 a.m.,	£3 3	Prof. Ramsay.
—— *Middle,*	8 a.m. and 11 a.m.,	3 3	
—— *Senior,*	9 a.m. and 1 p.m.,	3 3	
—— *Private or Honours,*	1 p.m.,	3 3[1]	
—— *Prose,*	1 p.m., Wed.,	1 1	
Greek, Junior,	12 noon,	3 3	Prof. Murray.
—— *Middle,*	10 a.m.,	3 3	
—— *Senior,*	8 a.m. and 12 noon,	3 3	
—— *Honours,*	12 noon,	3 3[1]	
—— *Prose,*	12 noon, once weekly,	1 1	
English,	4.30 p.m.,	3 3[1]	Prof. Bradley.
—— *Honours,*	12 noon (see page 64),	3 3	
French,	2 p.m.,	3 3	Mr. A. Mercier.
Hebrew, Junior,	10 a.m.,	3 3	Prof. Robertson.
—— *Senior,*	9 a.m.,	3 3	
Arabic or Syriac,	(See page 116),	2 2	
Logic and Metaphysics,	9 a.m. daily,	3 3	Prof. Adamson.
—— *Honours,*	12 noon (see page 66),	3 3	
Moral Philosophy,	8 a.m.,	3 3	Prof. Jones.
—— *Honours,*	1 p.m. (see page 67),	3 3	
Political Economy,	2 p.m.,	3 3	Prof. Smart.
Education (Theory, History, and Art of),	3.30 p.m.,	3 3	Dr. Ross.
Philosophy of Law,	5.30 p.m., Tues., Fri., and alternate Wed.,	3 3	Mr. W. G. Miller.
Mathematics, First,	9 a.m.,	3 3	Prof. Jack.
—— *Second,*	12 noon or 9 a.m.,	3 3	
—— *Honours (Intermed.),*	10 a.m.,	3 3	
—— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3 3	
Natural Philosophy,	9 a.m.,	4 4[2]	Prof. Lord Kelvin.
—— *Honours,*	12 noon,	4 4[2,3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6 6	

---

[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Second or subsequent Session, £3 3s.

[3] Fee for Honours Course following upon Ordinary Class, £3 3s.

Classes.	*Hours.*	*Class Fees.*		
Astronomy, First (Half Course),	3 p.m., Mon., Wed., and alternate Fri.,	£2	2	PROF. BECKER.
Chemistry,	10 a.m.,	3	3[1]	PROF. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10	10	
———— *(Half Session),*		5	5	
Zoology,	9 a.m.,	3	3[1]	PROF. YOUNG.
Zoological Laboratory,	10 a.m. to 1 p.m.,	3	3	
Botany (in Summer),				PROF. BOWER.
Geology (Half Course—Jan.),	5.30 p.m.,	3	3[1]	PROF. YOUNG.
History,	10 a.m.,	3	3	PROF. LODGE.
—— *Honours,*	11 a.m., Mon., Wed., Fri.,	3	3	
Constitutional Law and History (Half Course),	4.30 p.m.,	3	3	Dr. W. S. M'Kechnie.
—— *Honours,*	1 p.m., Mon., Wed., Fri.,	3	3	
Roman Law,	5.30 p.m.,	4	4	Mr. J. M. Irvine.
Public Law (Half Course),	5.30 p.m., Mon., Thur., and alternate Wed.,	3	3	Mr. W. G. Miller.

II.—SCIENCE.

THURSDAY, 14TH OCTOBER, 1897.

Classes.	*Hours.*	*Class Fees.*		
Mathematics, First,	9 a.m.,	£3	3	PROF. JACK.
—— *Second,*	12 noon or 9 a.m.,	3	3	
—— *Honours (Intermed.),*	10 a.m.,	3	3	
—— *Honours (Advanced),*	11 a.m., Mon., Wed., Fri.,	3	3	
Natural Philosophy,	9 a.m.,	4	4[2]	PROF. LORD KELVIN.
—— *Honours,*	12 noon,	4	4[2,3]	
Physical Laboratory,	10 a.m. to 4 p.m.,	6	6	
Astronomy, First,	3 p.m., Mon., Wed., and alternate Fri.,	2	2	PROF. BECKER.
—— *Second,*	3 p.m., Tues., Th., and alternate Fri.,	2	2	
—— *First and Second in same Session,*		3	3	
Chemistry,	10 a.m.,	3	3[1]	PROF. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	10	10	
———— *(Half Session),*		5	5	
Anatomy, Junior,	1 p.m.,	3	3[1]	PROF. CLELAND and Demonstrators.
—— *Senior,*	11 a.m.,	3	3[1]	
Practical Anatomy,	9 a.m. to 4.45 p.m.,	3	3[4]	
Physiology,	12 noon,	3	3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Practical Physiology,	(See page 86),	3	3	
—— *Advanced* (See page 86),		3	3	
Physiological Laboratory,	10 a.m. to 4 p.m.,	10	10	
———— *(Half Session),*		5	5	

---

[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Second or subsequent Session, £3 3s.

[3] Fee for Honours Course following upon Ordinary Class, £3 3s.

[4] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*	
Natural History—			
Zoology (Oct.), . . .	9 a.m., . . .	£3 3[1]	PROF. YOUNG.
Geology and Mineralogy (Jan.), ...	5.30 p.m., . . .	3 3[1]	
Zoological Laboratory, .	10 a.m. to 1 p.m., .	3 3[1]	
Botany, Advanced, . .	(See page 80), . .	3 3	PROF. BOWER.
Botanical Laboratory, Advanced (Jan.), . . .	(See page 80), . .	3 3	
Engineering, Class I., .	8 a.m., Mon., Wed., Fri.,	2 2	PROF. BARR.
—— *II.*, . .	(not in 1897-98), .	2 2	
—— *III.*, . .	8 a.m., Tues., Thurs., and Sat., . .	2 2	
—— *IV.*, . .	9 a.m. daily, ex. Sat.,	3 3[1]	
Engineering Drawing, etc.,	9 a.m. to 5 p.m. daily, except Sat., .	3 3[2]	
Engineering Laboratory, .	9 a.m. to 5 p.m., .	6 6	
—— (*Second Session*), .	. . . . .	3 3	
Naval Architecture and Marine Engineering, Junior,	12 noon, Mon., Wed., and Fri., . .	3 3	PROF. BILES.
—— *Senior*,	11 a.m., Mon., Tu., & Th.,	3 3	
—— *Practical, Junior*,	2 to 5 p.m., Tu., Wed., Th., and Fri., .	3 3	
—— *Senior*,	2 to 5 p.m., Tu., Wed., Th., and Fri., .	3 3	

III.—MEDICINE.

THURSDAY, 14TH OCTOBER, 1897.

Classes.	*Hours.*	*Class Fees.*	
Natural History, Zoology, .	9 a.m., . .	£3 3[1]	PROF. YOUNG.
Zoological Laboratory, .	10 a.m. to 1 p.m., .	3 3[1]	
Chemistry, ...	10 a.m., . .	3 3[1]	PROF. FERGUSON.
Chemical Laboratory, . .	10 a.m. to 4 p.m., .	10 10	
—— (*Half Session*),	. . .	5 5	
Anatomy, Junior, . . .	1 p.m., . .	3 3[1]	PROF. CLELAND and Demonstrators.
—— *Senior*, . . .	11 a.m., . .	3 3[1]	
Practical Anatomy, . .	9 a.m. to 4.45 p.m.,	3 3[3]	
Physiology, ...	12 noon, . .	3 3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Physiological Laboratory, .	10 a.m. to 4 p.m., .	10 10	
—— (*Half Session*),	. . .	5 5	
Materia Medica and Therap.,	1 p.m., . .	3 3[1]	PROF. CHARTERIS.
Pathology, Systematic, .	3 p.m., . . .	3 3[1]	PROF. COATS.
—— *Demonstrations only*,	. . . .	1 1	
Surgery, ...	12 noon, . .	3 3[1]	PROF. MACEWEN.
Midwifery, ...	2 p.m., . .	3 3[1]	PROF. CAMERON.
Practice of Medicine, .	11 a.m., . .	3 3[1]	PROF. GAIRDNER.
Clinical Medicine, . .	9 a.m., .	(see p. 56)	PROF. M'CALL ANDERSON and PROF. GAIRDNER.
Clinical Surgery, . .	9 a.m., .	(see p. 56)	PROF. GEORGE BUCHANAN and PROF. MACEWEN.

[1] Fee for a Second or subsequent Session, £2 2s.

[2] Fee for a Third or subsequent Session, £2 2s.

[3] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*		
Ear, ...	4 p.m., Tu. (University), 4 p.m., Wed. (practical instruction), . .	£1	1	Dr. Thomas Barr.
Throat and Nose, . .	4 p.m., Fri. (University), 4 p.m., Mon. or Thurs. (Western Infirmary),	1	1	J. Walker Downie, M.B.

IV.—LAW.

THURSDAY, 14TH OCTOBER, 1897.

Classes.	*Hours.*	*Class Fees.*		
Scots Law, ...	8 a.m., . .	£4	4[1]	PROF. MOODY STUART.
Civil Law, ...	5.30 p.m., . .	4	4[1]	Mr. J. M. Irvine.
Conveyancing, ...	8 a.m., . .	4	4[1]	PROF. MOIR.
Constitutional Law and History, ...	4.30 p.m., . .	4	4[1]	Mr. W. S. M'Kechnie.
——— *(Half Course)*, . . .		3	3	
Mercantile Law, ...	8 a.m., . . .	4	4[1]	Mr. James Mackenzie.
——— *(Half Course)*, . . .		3	3	
Public International Law, .	5.30 p.m., Mon., Th., and altern. Wed.,	3	3	Mr. W. G. Miller.
Jurisprudence, General or Comparative, ...	5.30 p.m., Tues., Fri. and altern. Wed.,	3	3	
International Private Law	(in Summer),			
Political Economy, . . .	2 p.m., . .	3	3	PROF. SMART.

V.—THEOLOGY.

THURSDAY, 28TH OCTOBER, 1897.

Classes.	*Hours.*	*Class Fees.*		
Divinity, Senior, . . .	11 a.m., ...	£3	3	PROF. HASTIE.
——— *Junior*, . . .	12 noon, ...	3	3	
Hebrew, Junior, ...	10 a.m., ...	3	3	PROF. ROBERTSON.
——— *Senior*, .	9 a.m. daily, and 12 noon, Tu. and Th.,	3	3	
Arabic or Syriac, . .	(See page 116), . .	2	2[2]	
Ecclesiastical History, Junior,	11 a.m., ...	3	3	PROF. STORY.
——— *Senior*,	12 noon, ...	3	3	
Biblical Criticism, . . .	10 a.m., ...	3	3	PROF. STEWART.
New Testament Greek, .	9 a.m., Mon., Wed., Fri.,	2	2	

SUMMER SESSION 1898.

I.—ARTS.

TUESDAY, 19TH APRIL, 1898.

Classes.	*Hours.*	*Class Fees.*		
Physical Laboratory, . .	10 a.m. to 4 p.m., .	£4	4	PROF. LORD KELVIN.
Chemical Laboratory, . .	10 a.m. to 4 p.m., .	5	5	PROF. FERGUSON.
Practical Zoology, . .	10 a.m. to 1 p.m., .	3	3[1]	PROF. YOUNG.
Botany, ...	8 a.m. (see page 81),	3	3[1]	PROF. BOWER.
Botanical Laboratory, .	9 a.m. to 4 p.m., .	3	3[1]	

---

[1] Fee for a Second or subsequent Session, £2 2s.

[2] For students who are attending, or have attended, the Hebrew Class, the Fee is £1 1s.

TUESDAY, 26TH APRIL, 1898.

Classes.	*Hours.*	*Class Fees.*	
Latin,	11 a.m.,	£2 2	[1] Mr. John Brown.
Greek,	10 a.m.,	2 2	[1] Mr. R. M. Burrows.
Mathematics,	9 a.m.,	2 2	[1] Mr. W. E. Philip. [1] Mr. W. A. Lindsay.
Hebrew,	9 a.m.,	2 2	PROF. ROBERTSON and Mr. T. H. Weir.

II.—SCIENCE.

TUESDAY, 19TH APRIL, 1898.

Classes.	*Hours.*	*Class Fees.*	
Practical Zoology,	10 a.m. to 1 p.m.,	£3 3[2]	PROF. YOUNG.
Botany,	8 a.m.,	3 3[2]	PROF. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3[2]	
Physical Laboratory,	10 a.m. to 4 p.m.,	4 4	PROF. LORD KELVIN.
Electricity—Pure and Applied,	9 a.m.,	2 2	Dr. Magnus Maclean.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	PROF. FERGUSON.
Chemistry, Higher,		3 3	
Practical Anatomy,	8 a.m. to 3 p.m.,	2 2[3]	PROF. CLELAND and Demonstrators.
Practical Physiology,	12 noon,	3 3[2]	PROF. M'KENDRICK and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5 5	

III.—MEDICINE.

TUESDAY, 19TH APRIL, 1898.

Classes.	*Hours.*	*Class Fees.*	
Physics,	11 a.m.,	£3 3	Dr. M. Maclean.
Botany,	8 a.m.,	3 3[2]	PROF. BOWER.
Botanical Laboratory,	9 a.m. to 4 p.m.,	3 3[2]	
Clinical Medicine,	9 a.m.,	(see p. 56)	PROF. M'CALL ANDERSON and PROF. GAIRDNER.
Clinical Surgery,	9 a.m.,	(see p. 56)	PROF. GEORGE BUCHANAN and PROF. MACEWEN.
Practical Chemistry,	9 to 11 a.m.,	3 3[2, 4]	PROF. FERGUSON.
Chemical Laboratory,	10 a.m. to 4 p.m.,	5 5	
Practical Anatomy,	8 a.m. to 3 p.m.,	2 2[3]	PROF. CLELAND and Demonstrators.
Embryology,	11 a.m. (see p. 86),	2 2	J. F. Gemmill, M.B.

[1] Lecturers for 1897. The Lecturers for 1898 will be appointed in March.

[2] Fee for a Second or subsequent Session, £2 2s.

[3] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture Courses, may afterwards enrol in Practical Anatomy at £1 1s.

[4] Instead of this Practical Course in summer, Medical Students may take a three months' course of Laboratory Instruction in winter.

Classes.	*Hours.*	*Class Fees.*		
Practical Anatomy and Embryology, if taken together,		£3	3	
Practical Zoology,	10 a.m. to 1 p.m.,	3	3[1]	Prof. Young.
Practical Materia Medica,	12 noon,	3	3[1]	Prof. Charteris.
Practical Physiology,[2]	12 noon (see p. 87),	3	3[1]	Prof. M'Kendrick and Muirhead Demonstrator.
Physiological Laboratory,	10 a.m. to 4 p.m.,	5	5	
Practice of Medicine,	1 p.m., Tu. and Th.,		[3]	Prof. Gairdner.
Medical Jurisprudence and Public Health,	11 a.m.,	3	3[1]	Prof. Simpson.
Practical Pathology,[2]	12 noon,	3	3[1]	Prof. Coats.
Operative Surgery,	12 noon, with practical work at other hours as may be arranged,	2	2	Prof. Macewen.
Diseases of Women,	2 p.m., Tu., Th., Fri.,	2	2	Prof. Cameron.
Insanity,	12 noon, Wed. (University), 3 p.m. Wed., 10 a.m. Sat. (Gartnavel),	2	2	Dr. Yellowlees.
Eye,	2 p.m., Tu. and Th.,	1	1[4]	Dr. Thomas Reid.
Ear,	4 p.m., Tu. (University), 4 p.m., Wed. (practical instruction),	1	1	Dr. Thomas Barr.
Throat and Nose,	4 p.m., Fri. (University), 4 p.m., Mon. or Thurs. (Western Infirmary),	1	1	J. Walker Downie, M.B.

IV.—LAW.

TUESDAY, 19TH APRIL, 1898.

Classes.	*Hours.*	*Class Fees.*		
Forensic Medicine,	11 a.m.,	£3	3	Prof. Simpson.
International Private Law,	5.30 p.m.,	3	3	Mr. W. G. Miller.

---

[1] Fee for a Second or subsequent Session, £2 2s.

[2] After first Lecture, the Class will meet in divisions.

[3] Open to all Matriculated Students of the University who have completed their Second Winter of Medical study. This course is supplementary to the Winter course, and takes up special subjects, to be announced in the Summer bills.

[4] Includes fee for attendance at Eye Infirmary.

In addition to the University Courses, the following Hospitals and Dispensaries afford ample means for Practical Instruction in the various departments of Medicine and Surgery :—

WESTERN INFIRMARY.—This Hospital contains 400 beds for medical and surgical patients, including Wards for Skin Diseases, and one for diseases peculiar to females. *Physicians*—Prof. W. T. Gairdner, M.D., LL.D., F.R.S. ; Prof. T. M'Call Anderson, M.D. ; James Finlayson, M.D. ; Gavin P. Tennent, M.D. ; Samson Gemmell, M.D. *Physicians for Diseases of Women*—Prof. Murdoch Cameron, M.D. ; W. L. Reid, M.D. *Assistant*

Physicians—John Alexander, M.D.; William G. Dun, M.D.; R. S. Thomson, M.B.; Geo. Dickson, M.D.; C. O. Hawthorne, M.B. *Surgeons*—Prof. George Buchanan, M.D., LL.D.; A. Patterson, M.D.; Hector C. Cameron, M.D.; Professor William Macewen, M.D., LL.D. *Honorary Consulting Ophthalmic Surgeon*—T. Reid, M.D., LL.D. *Assistant Surgeons*—J. C. Renton, M.D.; George T. Beatson, M.D.; T. K. Dalziel, M.B.; James H. Nicoll, M.B. *Dispensary Physicians*—James Hinshelwood, M.D.; R. M. Buchanan, M.B.; A. W. Russell, M.A., M.D.; R. B. Ness, M.A., M.B.; William MacLennan, M.B. *Extra Dispensary Physicians*—William R. Jack, M.D.; Henry E. Jones, M.B.; Hugh Galt, M.B.; James Carslaw, M.A., M.B. *Dispensary Physicians for Diseases of Women*—Robert Kirk, M.D.; G. A. Turner, M.D.; J. M. Munro Kerr, M.B. *Dispensary Surgeons*—Duncan Macartney, M.B.; Robert Kennedy, M.A., B.Sc., M.D.; Alfred A. Young, M.A., M.B. *Extra Dispensary Surgeons*—George Burnside Buchanan, B.A. (Cantab.), M.B.; George Lapraik, M.B.; John Morton, M.B. *Dispensary Surgeon for Diseases of the Ear*—Thomas Barr, M.D. *Dispensary Surgeon for Diseases of the Throat*—J. Walker Downie, M.B. *Surgeon Dentist*—W. D. Woodburn, L.D.S. *Pathologist*—Professor Joseph Coats, M.D. *Vaccinator*—John W. Nicol, M.B. *Medical Superintendent*—Donald J. Mackintosh, M.B. *Lady Superintendent*—Miss Annie L. Strong. *Secretary*—Henry Johnston, 125 Buchanan Street. The hour of visit is 9 A.M. The Dispensary for Out-Patients is open daily at 2 P.M. Vaccination—Mondays and Thursdays at 12 noon. The station is recognized by the Local Government Board. Fee, £1 1s. According to the present arrangement admission to the practice of this Infirmary is subject to the following regulations:—

1. That every student paying at the commencement of his First Year a Fee of £10 10s., will be entitled to admission to the Infirmary, and also to attend Courses of Clinical Instruction during the winter and summer of the said year.

2. That every student who has thus paid £10 10s., and shall at the commencement of his Second Year pay a further Fee of £10 10s., will have the privilege of admission to the Infirmary, and to the several courses of Clinical Instruction during his lifetime.

3. That the Fee for Hospital Attendance and Clinical Instruction for Six Months only be £7 7s.

4. That the Fee for Hospital Attendance and Clinical Instruction for Three Months only be £4 4s.

5. Any student who shall have paid Fees to the amount of £21 or upwards, in the payments as stated above, shall be entitled to a Ticket, admitting him to the Infirmary, and to the Clinical Instruction during his lifetime.

6. There shall be two courses of Clinical Instruction—the one in the Winter, and the other in the Summer session.

Students who have taken the Hospital Ticket previous to 1st October, 1876, will continue at the scale of Fees then in use, but an additional payment of £10 10s. will make them perpetual students of the Hospital, and admit also to the Clinical Classes under the above rules.

Students who have completed their Clinical Course elsewhere shall be permitted to enter for a six months' course of the *Hospital only*, on payment of a Fee of £2 2s.

OUT-DOOR VISITATION.—Senior Students who have passed their Third Professional Examination are permitted to visit the sick poor in the Anderston district, under the supervision of certain Professors of the University and assistants.

ROYAL INFIRMARY.—Hour of Visit—Surgical, 9 A.M.; Medical, 10 A.M. Clinical Lectures given by the Physicians and Surgeons. Fees for Hospital attendance and Clinical Instruction—same as in the Western Infirmary, excepting fee for six months, which is £6 6s. in the Royal Infirmary.

EYE INFIRMARY, 170 Berkeley Street.—Hour of Visit, 1 P.M. daily. Fee for six months, £2 2s.; free to those attending the Lectures on the Eye delivered in the University.

INSANITY.—During the Summer Session Dr. Yellowlees gives in the University a Course of Lectures on Insanity at 12 noon on Wednesdays, and Clinical Instruction at the Glasgow Royal Asylum, Gartnavel, at 3 P.M. on Wednesdays and 10 A.M. on Saturdays. Fee for the combined Course, £2 2s.

There are also Dispensaries for Diseases of the Skin and Ear, and Clinical Instruction in Fevers is given at the Belvidere Hospital.

FACULTIES IN THE UNIVERSITY.

The whole classes of the University are arranged in five Faculties—Arts, Science, Medicine, Law, and Divinity.

I.—FACULTY OF ARTS.

The Faculty of Arts comprehends four Departments of study, viz.:—A. *Language and Literature*, embracing the classes of Humanity, Greek, English, French, German, Hebrew and Semitic Languages; B. *Mental Philosophy*, comprising Logic and Metaphysics, Moral Philosophy, Political Economy, Theory, History, and Art of Education, and Philosophy of Law; C. *Science*, including Mathematics, Natural Philosophy, Astronomy, Chemistry, Zoology, Botany, and Geology; D. *History and Law*, containing History, Constitutional Law and History, Roman Law, and Public Law.

A. LANGUAGE AND LITERATURE.

I. HUMANITY.

The original foundation of this Professorship is not extant; but it appears from the records of the College that it must have been instituted previous to the year 1637. The Professor is elected by the University Court.

Professors from the year 1706.

1706. Andrew Rosse.
1735. George Rosse.
1754. George Muirhead.
1773. Wm. Richardson, M.A.
1815. Josiah Walker, M.A.
1831. William Ramsay, M.A.
1863. George G. Ramsay, M.A., LL.D.

The Humanity Class consists of four divisions—*Junior*, *Middle*, *Senior*, and *Private* or *Honours Class*, which latter class all members of the ordinary Senior Class have the option of attending. Students not requiring a Public Certificate for the Degree or other purpose may attend as Private Students. Private Students are students who attend the class without taking part in the class work.

In all the classes the students prepare certain work prescribed, and are examined orally every day. In the Private or Honours Class the business is conducted largely by Lectures and Prelections delivered by the Professor.

Junior Class.

The JUNIOR CLASS meets daily from 8 to 9 A.M. on every week day except Saturday. The subjects of study are: Ovid, Tibullus, Virgil, Cicero, Livy—Latin Grammar—Prosody—Easy Latin Prose Composition.

Middle Class.

The MIDDLE CLASS meets daily from 8 to 9 A.M., and from 11 A.M. to 12. The subjects read are: Ovid, Tibullus, Propertius, Virgil, Horace, Cicero, Livy, together with Latin Prose Composition—Grammar—Prosody—History and Antiquities.

Students entering the Middle Latin Class must have a good knowledge of Latin Grammar, and be able to translate at sight simple passages from Latin into English, and both simple and compound sentences from English into Latin. All students desiring to enter the Junior or Middle Latin Class for the first time in November, 1897, will be examined in the above subjects on Tuesday, 19th October, at 8 A.M., and they will be placed in the Middle or Junior Class, respectively, in accordance with the result of that examination.

Senior Class.

The SENIOR CLASS meets daily from 9 to 10 A.M., and all students attending the Senior Class have the option also of attending the Private or Honours Class from 1 to 2 P.M. The subjects of study in the class at 9 A.M. are :—The works of Horace—Propertius—Virgil—Cicero—Sallust—Livy—Tacitus—Latin Prose Composition—Latin Prosody—Roman History and Antiquities. The students are examined on paper at intervals during the session. Students may enrol in the Senior Class for Latin Prose only, attending once a week, on Wednesdays at 1 P.M.

All students who propose to join the Senior Class are examined on paper, at the commencement of the session, to test their fitness for the class. The examination for 1897-98 will be held on Tuesday, 19th October, at 9 A.M. The paper will include (*a*) *Sentences or passages for translation into Latin.* Students will be examined in Ramsay's Latin Prose Composition, Vol. I. (*b*) *Translation.*

Private or Honours Class, 1 *p.m.*

This class is an Honours or Third-year Class, at which advanced work is read. All students who attend the 9 A.M. class attend at 1 P.M. also, unless exempted for special reasons.

One subject is read and lectured upon on Mondays and Fridays; another on Tuesdays and Thursdays; on Wednesdays special classes in Latin Prose are held, at which all students of the 9 A.M. class attend. Students are allowed to attend as Private Students, *i.e.* as listeners only, without doing any of the work of the class; but in that case they do not receive tickets qualifying for the Degree.

Students wishing to do Latin Prose, for the Degree or other purposes, may attend one of the special sections for Latin Prose which meet weekly at 1 P.M. on Wednesdays.

The students are examined orally and on paper at intervals during the session, both in the subjects read in the class and on voluntary subjects specially prescribed. A course of five sessions embraces Lectures and Prelections on Plautus—Terence — Lucretius — Catullus — Propertius — Virgil -- Persius — Juvenal—Martial—Tacitus.

In all the classes, written exercises in Latin Prose are prescribed regularly, and in the Private Class exercises in Latin or English Verse may be prescribed also.

The subjects read in the Session 1897-98 will be as follows:—

1. PRIVATE OR HONOURS CLASS, AT 1 P.M.—Plautus, *Miles Gloriosus*; Horace, *Epistles* II. and *Ars Poetica*; Juvenal; Virgil, *Æn.* VII.

2. SENIOR CLASS, AT 9 A.M.—Horace, *Odes*; Cicero, *De Officiis* I.; Tacitus, *Annals* I.; Antiquities and Prosody.

3. MIDDLE CLASS, AT 8 A.M.—Cicero, *In Verrem*, IV. *De signis*; Virgil, *Georgic* IV.; Ramsay's Latin Prose Composition, Vol. I.

AT 11 A.M.—Virgil, *Æn.* V.; Livy, XXII. (Capes); Ramsay's Antiquities.

4. JUNIOR CLASS, AT 8 A.M.—Virgil, *Æneid* (Allcroft's Selections); Cicero, *De Senectute* (Sidgwick); Ramsay's Latin Prose Composition, Vol. I.

II. GREEK.

This Professorship was founded by the College in or about the year 1581. The Professor is elected by the University Court.

Professors from the year 1704.

1704. A. Dunlop, LL.D.
1746. James Moor, LL.D.
1774. John Young, M.A.
1821. Sir Daniel K. Sandford, M.A.
1838. Edmund L. Lushington, LL.D.
1875. R. C. Jebb, D.C.L., Litt. D., LL.D.

1889. G. G. A. Murray, M.A.

The Greek Class consists of three divisions, the Senior, the Middle, and the Junior. Students not requiring a Public Certificate may attend as Private Students, *i.e.* without doing the work of the class.

Students are placed in the Middle and Junior Classes respectively in accordance with the result of an examination held at the opening of the session. This examination will be held on Friday, 15th October, 1897. Accurate knowledge of the Elements of Accidence and Syntax will be required. A piece of unseen translation will also be set.

Students who have sat for the University Preliminary Examination need not sit for this special examination.

All students should possess the following books:—*Ancient Atlas*; *Greek Lexicon*, Liddell & Scott (large or intermediate edition—the small edition is not sufficient); some History or Primer of Greek Literature; *Greek Grammar*, Sonnenschein. *All students before joining even the Junior Class should prepare this Grammar (Accidence) to the end of the Verb.*

Senior students are recommended to get Gow's *Companion to the School Classics*, and Seyffert's *Dictionary of Classical Antiquities, etc.*, translated by Nettleship and Sandys; or, in place of Seyffert, Smith's two small volumes, the *Classical Dictionary* and the *Dictionary of Antiquities.*

JUNIOR CLASS ('TIRONES').

The Junior Class meets at 12 noon every week-day except Saturday.

The class reads extracts from Xenophon and other Attic writers. There are also written exercises in Greek Composition, and examinations in Grammar.

MIDDLE CLASS ('PROVECTIORES').

The Middle Class meets at 10 A.M. on every week-day except Saturday.

The class usually reads the easier Attic authors, including Lucian. Written exercises in translation from English into Greek and from Greek into English form part of the work.

For teaching purposes the class is sometimes divided into two sections, called 'Upper' and 'Lower' Middle respectively.

SENIOR CLASS.

This is the ordinary qualifying class for graduation; all members of it must have passed the Preliminary Examination in Greek on the higher standard, or an equivalent examination.

The class meets at 8 A.M., and certain members of it at 12 noon, every week-day except Saturday.

The class hour is chiefly occupied by the Professor's lectures, but the class is liable to be examined orally or on paper every day. The work done includes the reading of Greek Authors; Greek Prose Composition; Written Exercises in translation; Greek History, Language, Antiquities, and Literature.

All students requiring a certificate of attendance must duly perform the work of the class; but those who do not require a certificate may attend as Private Students, *i.e.* without doing the work.

HONOURS CLASS ('SENIOR AND PRIVATE').

The Honours Class, or 'Senior and Private,' meets at 12 noon every week-day except Saturday. Members of the Senior Class are recommended to attend, but are not in any way bound to do so; they are not recommended to attempt the work of the class except in so far as it suits their convenience.

The work is similar to that done in the Senior Class, but more advanced, greater attention being given to the History of Literature, Philology, Criticism, and Philosophy. The Honours Students receive private help from the Teaching Staff in addition to the Lectures.

Subjects for Session 1897-98.

JUNIOR CLASS.—Sonnenschein's *Greek Grammar*; Sidgwick's *First Greek Writer*; Colson's *First Greek Reader* (Macmillan); some Greek author to be selected at the time.

Middle Class.—Thucydides VIII.—Tucker (Macmillan); Scenes from Euripides and Aristophanes, *Iphigenia in Tauris* and *Clouds*—Sidgwick (Rivingtons); Composition and Written Translation.

Senior Class.—Thucydides I.—Bigge (Longmans) or Morris (Ed. Arnold); Plato, *Republic* II.—Warren (Clarendon Press); Euripides, *Bacchae*—Tyrrell (Macmillan); Composition and Written Translation; Oman's History of Greece.

Honours Class.—Iliad IX.; Herodotus VI.; Aristophanes, *Ranae*. A course of lectures and translations illustrating the history of Greek Literature; Composition, etc.; special tutorial lectures on books set for the Honours Degree.

III. ENGLISH LANGUAGE AND LITERATURE.

This Chair was founded by ordinance of the Universities Commission (1858) of date 25th November, 1861, and is in the gift of the Crown.

Professors.

1862. John Nichol, LL.D.
1889. **Andrew Cecil Bradley, M.A.**

N.B.—*Students will find it much to their advantage to take the English Literature Class, as has hitherto been the custom, in the later part of their Course.*

The subjects of the Ordinary Degree Examinations in October, 1897, *and in April and October,* 1898, *will be found on p.* 168. *It is necessary for students who enter for these examinations in a session later than that in which they attended the class, to pay special attention to the information there given.*

The class meets daily, except on Saturday, at 4.30 p.m.

The work of the class will comprise the following subjects:—

1. English Composition. Text-books: Nichol's *Composition Primer*, and Nichol and M'Cormick's *Questions and Exercises on English Composition.*

2. The Outlines of English Philology.

3. The Elizabethan Drama, with special reference to Shakespeare. The plays dealt with at length will be the following: Marlowe's *Dr. Faustus* and *Edward II.*; Shakespeare's *Two Gentlemen of Verona*, *Richard II.*, *Much Ado About Nothing*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *Coriolanus*, *Tempest*; Jonson's *Alchemist*; Beaumont and Fletcher's *Philaster* or Massinger's *New Way to pay Old Debts*; Webster's

Duchess of Malfi; Milton's *Samson Agonistes.* All the non-Shakespearian plays except *Samson Agonistes* will be found in Nimmo's *British Dramatists.*

4. (*a*) *Selections from the Spectator*, ed. Deighton (Macmillan).
(*b*) *The Golden Treasury of Songs and Lyrics*, Book IV.

HONOURS CLASS.—Lectures will be given on (1) The general history of English Literature from 1350, (2) The Tragedies of Shakespeare, (3) Some of the other subjects for the Honours Degree.

This class will meet on Monday, Wednesday, and Friday at 12 noon for lecture, and occasionally on Tuesday or Thursday at 12 noon for informal instruction.

IV. FRENCH LANGUAGE AND LITERATURE.

This Lectureship was instituted by the University in 1895.

Lecturer.

1895. **ALFRED MERCIER**, L.-ÈS-L.

The French Class meets daily at 2 P.M., and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class will comprise the following subjects:

A. *Literature.*—Mondays and Fridays and alternate Wednesdays. *Mondays*—History of the French Comedy in the 17th and 18th centuries (20 lectures). *Fridays*—Special study of some comedies of Molière, Regnard, Le Sage, Marivaux, Beaumarchais (20 lectures). *Alternate Wednesdays*—Literary essays will be read and corrected.

B. *Language.*—Tuesdays and Thursdays and alternate Wednesdays. I. Translation into and from French. Text-book: Deshumbert, *The Public Examination French Handbook* (London: Nutt). II. Reading of *Morceaux choisis de romanciers et de critiques du* 19^e^ *Siècle* (Geneva: Eggimann). III. Outlines of French Philology. Text-book: Brachet, *Grammaire historique.*

Students who take French for purposes of graduation must attend both classes; but students who do not intend to graduate may take the Language class alone or the Literature class alone. The fee for one class alone is £2 2s.

Honours Class. — For Session 1898-99. 50 lectures. I. Reading, with philological commentaries, of old French texts. Text-book: Gaston Paris, *Extraits de la Chanson de Roland et de la Vie de Saint-Louis* (15 lectures). II. Reading of *Pages choisies de Balzac*, edited by Lanson (Paris: Colin) (15 lectures). III. Critical study of Mr. John Morley's *Essays on J. J. Rousseau* (10 lectures). IV. Literary essays (10 lectures).

V. HEBREW AND SEMITIC LANGUAGES.

(See under Faculty of Theology, p. 114.)

B. MENTAL PHILOSOPHY.

I. LOGIC AND RHETORIC.

This Professorship is one of those founded in the charter of *Nova Erectio* in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. John Loudon.
1751. Adam Smith, LL.D.
1752. James Clow.
1787[1]. George Jardine, M.A.
1827[2]. Robert Buchanan, LL.D.
1864. John Veitch, LL.D.
1895. Robert Adamson, LL.D.

The Logic Class meets daily, on five days of the week, from 9 to 10 A.M.

The Course of Lectures will include the following subjects:—

I. Logic.—(A) Introduction on the Province and General Problems of Logic. (B) Pure Logic, including the treatment of Fallacy. (C) Theory of Scientific Method.

II. Psychology.—A general account of the composition and development of Mind, with a more detailed consideration of the process of knowledge.

III. Metaphysics.—An introduction, historical and critical, to the general questions of Modern Philosophy. The historical reference will concern mainly the doctrines of Descartes, Locke, Berkeley, and Hume.

---

[1] Mr. Jardine was assistant and successor to Mr. Clow from 2nd June, 1774.

[2] Mr. Buchanan was assistant and successor to Mr. Jardine from 1st October, 1824.

Students before entering the class are recommended to read some elementary work on Formal Logic, such as Jevons' *Elementary Lessons in Logic* or Fowler's *Deductive Logic.*

An advanced class is held in which lectures are given on some of the subjects prescribed for Honours in Mental Philosophy. During next session this class will meet at 12 noon, on four or five days weekly. The subjects of lecture will be—(A) The history of Moral Philosophy, from Leibniz and Hume. (B) Aristotle's theory of Knowledge, with reference to the *De Anima* and *Posterior Analytics.* (C) Psychology, particularly of the processes of Thought.

Students before entering the honours class are recommended to read (1) the section on Cartesianism in any history of Modern Philosophy, *e.g.* Kuno Fischer, or Falckenberg, or Erdmann (all of which have been translated into English), and (2) Kant's *Prolegomena*, trans. by Mahaffy.

II. MORAL PHILOSOPHY.

This Professorship was founded by the charter of *Nova Erectio* in 1577. The Professor is elected by the University Court.

Professors from the year 1727.

1727. Gerschom Carmichael.
1730. F. Hutcheson, LL.D.
1746. Thomas Craigie.
1752. Adam Smith, LL.D.
1764. Thomas Reid, D.D.
1796[1]. Archd. Arthur, M.A.
1797. James Mylne, M.A.
1839. William Fleming, D.D.
1866. Edward Caird, D.C.L., LL.D.
1894. HENRY JONES, M.A., LL.D.

The Moral Philosophy Class meets at 8 A.M. on five days of the week.

In this class Moral Philosophy is treated both historically and systematically. In connection with the systematic part of the course lectures are given on the metaphysical and psychological implications of Morals, and in connection with the historical part the development of Morals is traced, and an account given of the main ethical theories of ancient and modern times.

The work of the class will further comprise the study of Plato's Republic (translation by Davies and Vaughan), and students are recommended to read in conjunction therewith Bosanquet's *Companion to Plato's Republic.*

---

[1] Mr. Arthur was assistant and successor to Dr. Reid from 22nd May, 1780.

In the Higher Moral Philosophy Class the Professor will lecture on some of the subjects prescribed for the Degree with Honours. During next session this class will meet at 1 p.m.

III. POLITICAL ECONOMY.

This Chair (called the Adam Smith Chair of Political Economy) was founded by Ordinance No. 149 of the Universities Commission (1889) of date 25th February, 1896, with an endowment of fifteen thousand pounds sterling, given by Mr. Andrew Stewart, merchant, Glasgow. The patronage is vested in the University Court, conjointly with one representative from time to time elected by the Merchants' House of the City of Glasgow, one representative from time to time elected by the Trades' House of the City of Glasgow, and one representative from time to time elected by the Chamber of Commerce of the City of Glasgow. The professor is a professor in the Faculties of Arts and Law.

Before the founding of the Chair, Political Economy was attached to the Chair of Moral Philosophy till 1892, when a separate lectureship was instituted by the University.

Professor.

1896. WILLIAM SMART, M.A., D.Phil., LL.D.

The Political Economy Class meets at 2 P.M.

The Lectures, which are partly doctrinal, partly historical, are intended to accompany the study of prescribed books. The first part of the course follows the lines of Marshall's *Principles of Economics*, Vol. I. (the larger work, 3rd edit. 1895), viz., Demand and Consumption: the Agents of Production—Land, Labour, Capital, and Organization: Theory of the Equilibrium of Demand and Supply: Value, or Distribution and Exchange. Thereafter the following subjects will be taken up:—International Trade: Money: Credit and Banking: Combinations of Labour and of Capital: Public Revenue and Expenditure. For these the text-books will probably be:—Bastable's *Commerce of Nations*; Dunbar's *Theory and History of Banking*; and Gide's *Political Economy.*

IV. EDUCATION.

THEORY, ART, AND HISTORY OF EDUCATION.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. David Ross, M.A., B.Sc., LL.D.

The Education Class meets daily at 3.30 p.m. The course consists of one hundred lectures qualifying for graduation in Arts.

A. Theory of Education.—End and aim of Education. Order and mode of development of the mental faculties. Adaptation of the curriculum to growing capacity. The training of the senses. The laws of association and memory as related to education. Cultivation of the imagination. Development of the will. Formation of habit and character. Authority and discipline. Emulation, praise, blame, rewards, punishment: their aims and methods.

Considerations determining the curriculum. Bifurcation into classical and modern sides. The manual and the technical in instruction.

B. Education as an Art.—General rules of method as deduced from theory. Modifications and limitations in practice. Correlation of studies. Oral teaching, text-books, note-books. The art of questioning. Model and criticism lessons. Infant and Kindergarten teaching. Object lessons. Detailed exposition of method as applied to the various subjects of the school curriculum. Special cases, the deaf, dumb, and blind.

School organization. The structure and equipment of school rooms. Sanitation and school hygiene, physical exercises, drill, recreation. Books and apparatus. Classification, time-tables, registration of attendance and results.

C. History of Education.—Systems of education now or formerly in vogue. The lives and work of eminent teachers. The theories of leading writers on Education.

Special periods will be dealt with from year to year. In 1897-98 the special subjects will be: (1) Education in Ancient Greece and Rome: Socrates, Plato, Aristotle, Xenophon, Cicero, Quintilian. (2) Origin and development of Universities; The Revival of Learning, Erasmus, Luther, Sturm, The Jesuits, Montaigne, Cominius, Milton. (3) Modern Primary Education—Bell, Lancaster, Pestalozzi, Froebel, Jacotot, Stow.

Books for class work and reference.—Fitch's *Lectures on Education;* Herbert Spencer's *Education;* Browning's *Educational Theories;* Davidson's *Aristotle and the Ancient Educational Ideals;* Milton's *Tractate on Education;* Laurie's *Rise and Constitution of Universities.*

In April and October, 1898, the subjects of examination for the Degree of M.A. will be those set forth in the preceding paragraphs.

V. PHILOSOPHY OF LAW.

(See under Faculty of Law, p. 108.)

C. SCIENCE.

I. MATHEMATICS.

This Professorship, long suppressed for want of funds, was revived by an Act of Faculty in 1691. The Professor is appointed by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1691.

1691. George Sinclair.
1699. Robert Sinclair, M.D.
1711. Robert Simson, M.D.
1761. James Williamson, D.D.
1796[1]. James Millar, M.A.
1832. James Thomson, LL.D.
1849. Hugh Blackburn, LL.D.
1879. William Jack, LL.D.

First Class.

Subjects: *Euclid* and *Algebra*, from the beginning, and *Trigonometry* of right-angled triangles. The class meets from 9 to 10 daily, except on Saturdays.

Second Class.

For students who have attended the First Class, or who have otherwise acquired a knowledge of Euclid, Books I., II., III., IV., and of Algebra, as represented by the first twenty-two Chapters (Chaps. XIV., XV., XIX. excepted) of Todhunter's larger text-book. Subjects: *Euclid*, Books V., VI., and XI. 1—21, more advanced *Algebra*, and the *Elements of*

---

[1] Mr. Millar was assistant and successor to Dr. Williamson from 26th Feb., 1789.

Transversals and of *Geometrical Conics*, *Trigonometry*, including solution of triangles. Two parallel subdivisions of the Class meet daily (except on Saturdays), one from 9 to 10, and one from 12 to 1.

Intermediate Honours Class.

Subjects: *Plane Trigonometry*, *Analytical Conics*, *Differential and Elements of Integral Calculus*. The class meets from 10 to 11 daily, except on Saturdays.

Advanced Honours Class.

Subjects: *Integral Calculus*, *Spherical Trigonometry*, *Geometry of Three Dimensions*, *Differential Equations*, *Elements of Finite Differences*. The class meets at 11-12 on Mondays, Wednesdays, and Fridays.

Attendance on the Mathematical Classes, for not less than two Winter Sessions, one of which must be on either the Second or the Intermediate Honours Class, is required for the degree of M.A., in the case of students who began their course before 1st Oct., 1892, "unless the candidate at the time of his entrance to the University shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the Senior Class," in which case attendance on an Honours Class for one session is sufficient.

For the "Lorimer," the "Metcalfe," and the "Muir" Bursaries in Mathematics, see under Bursaries; and for the Cunninghame Gold Medal, see under Prizes.

II. NATURAL PHILOSOPHY.

This Professorship was founded by the Charter of *Nova Erectio* in 1577; and the Professor was confined to the department of Natural Philosophy in 1727. The Professor is elected by the University Court, and is a member not only of the Faculty of Arts, but also, since 1893, of the Faculty of Science.

Professors from the year 1727.

1727. Robert Dick.
1751. Robert Dick, M.D.
1757. John Anderson, M.A.
1796. James Brown, LL.D.
1803. W. Meikleham, LL.D.
1846. Lord Kelvin, D.C.L., LL.D., F.R.S.

The Natural Philosophy Class meets daily at 9 A.M. The hour is chiefly spent in statements of Principles, descriptions of Results of Observation, and experimental Illustrations.

The main divisions of the course are—(1) Abstract Dynamics; (2) Properties of Matter; (3) Sound, Light, Heat, Magnetism and Electricity.

A programme of the subjects which will be taken up, as far as time permits, during the Session 1897-98, will be published before the commencement of the session, and may be had on application at the Natural Philosophy Class-room.

The Course of Applied Higher Mathematics, which meets at 12 noon daily, is devoted to Mathematical Demonstrations and Exercises in Kinetics and Statics, and to a course on some special subject of Mathematical Physics.

The text-books used are—

"A Treatise on Natural Philosophy," by Professors Sir William Thomson (Lord Kelvin) and P. G. Tait (Cambridge University Press); "Elements of Natural Philosophy," by the same authors (Cambridge University Press); "Dynamics and Hydrostatics," by J. T. Bottomley (W. Collins & Sons); "Heat" and "Elasticity," vol. iii. of Lord Kelvin's "Mathematical and Physical Papers" (Cambridge University Press); Deschanel's "Experimental Physics," translated by Everett; "Absolute Measurements in Electricity and Magnetism," by A. Gray (Macmillan & Co.); "Mathematical Tables," by J. T. Bottomley (Macmillan & Co.); "Physical Units," by M. Maclean.

The more elementary of the treatises by Thomson and Tait, along with Dynamics and Hydrostatics by Bottomley, will be used for the work required of all students of Natural Philosophy in the regular curriculum. The whole, or certain specified parts of the larger treatise, will be prescribed in connection with voluntary examinations and exercises in the class, and for candidates for the Degree of M.A. with Honours. Students who desire to undertake these higher parts of the business of the class ought to be well prepared on all the subjects of the Intermediate Honours Mathematical Class.

The Laboratory in connection with the class is open daily from 10 A.M. to 4 P.M. for Experimental Exercises and Investigations, under the direction of the Professor and his official Assistant, and the Demonstrator in Experimental Physics.

For the Arnott and Thomson Demonstratorship in Experimental Physics, see p. 117.

III. ASTRONOMY.

(See under Faculty of Science, page 74.)

IV. CHEMISTRY.

(See under Faculty of Medicine, page 83.)

V. ZOOLOGY.

(See Natural History, under Faculty of Medicine, page 82.)

VI. BOTANY.

(See under Faculty of Medicine, page 81.)

VII. GEOLOGY.

(See Natural History, under Faculty of Medicine, page 82.)

D. HISTORY AND LAW.

I. HISTORY.

This Chair was founded by Ordinance No. 28 of the Universities Commission (1889) of date 5th June, 1893. The Professor is appointed by the University Court.

Professor.

1894. Richard Lodge, M.A.

The Class meets daily at 10 a.m., except on Saturdays. The course consists of one hundred lectures qualifying for graduation. Students are required to pass three written examinations in the course of the session, and to hand in exercises on subjects set from time to time.

In the session of 1897-98 the Professor will lecture on the Outlines of British History to 1815. The following textbooks are prescribed: Green, *Short History of the English People*; Gardiner, *Student's History of England*, or Ransome, *History of England*; Bright, *English History for Public Schools*. Books upon special periods will be recommended in a detailed syllabus which will be given to the class.

Honours Class.—This Class will meet on Mondays, Wednesdays, and Fridays at 11 a.m. In each session the Professor will treat some period either of British or European history with special reference to one or more contemporary authors.

In the session of 1897-98 the Professor will lecture on French History from 1715 to 1815, with special reference to the period of the French Revolution from 1789 to the end of the Convention in 1795. Prescribed books: Rousseau, *Le Contrat Social;* Arthur Young, *Travels in France;* Ferrières, *Mémoires;* Bertrand-Moleville, *Mémoires Particuliers;* Schmidt, *Tableaux de la Révolution Française*, tome I.; Morse Stephens, *Orators of the French Revolution.*

The following books are recommended to students attending this class: Martin, *Histoire de France*, Vols. XV., XVI.; Rocquain, *L'Esprit Révolutionnaire avant la Révolution;* Aubertin, *L'Esprit Public au XVIII^{me} Siècle;* Sorel, *L'Europe et la Révolution Française;* De Tocqueville, *France before the Revolution;* Mignet, *The French Revolution;* Morse Stephens, *The French Revolution;* Lanfrey, *History of Napoleon;* Mahan, *The Influence of Sea Power upon the French Revolution and Empire.*

NOTE.—*The classes recognized as Honours Classes in the Group of* HISTORY *are the Honours Classes held by the Professor of History and by the Lecturer in Constitutional Law and History.*

II. CONSTITUTIONAL LAW AND HISTORY.

Lecturer.

1894. William S. M'Kechnie, M.A., LL.B., D.Phil.

(ORDINARY CLASS.—See under Faculty of Law, page 107.)

HONOURS CLASS.—In the winter session of 1897-98 a course of fifty lectures (qualifying *pro tanto* for graduation with Honours in the Group of History) will be given on the Constitutional History of England in the seventeenth century, with special reference to the period 1625 to 1660. Prescribed books: Hallam, *Constitutional History*, and Gardiner, *Documents of the Puritan Revolution.* Students are also recommended to consult Gardiner, *History of England;* Christie, *Life of Shaftesbury;* Macaulay, *History of England.* The class will meet on Mondays, Wednesdays, and Fridays at 1 p.m.

III. ROMAN LAW.

(See under Faculty of Law, page 106.)

IV. PUBLIC LAW.

(See under Faculty of Law, page 109.)

II.—FACULTY OF SCIENCE.

The Faculty of Science was instituted by Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893, and embraces the classes of Mathematics, Natural Philosophy, Astronomy, Chemistry, Natural History (including Geology and Zoology), Botany, Anatomy, Physiology, Civil Engineering and Mechanics, and Naval Architecture.

I. MATHEMATICS.

(See under Faculty of Arts, page 69.)

II. NATURAL PHILOSOPHY.

(See under Faculty of Arts, page 70.)

Since 1895 Dr. Magnus M'Lean has lectured on Electricity—Pure and Applied, one of the subjects of study which may be selected by candidates for the Degree of B.Sc. in Engineering.

The Lectures of this course are delivered daily at 9 a.m. during the Summer Session. The lectures embrace the fundamental definitions and nomenclature in electrostatics, magnetism and electromagnetism; discussion on the dimensions of magnetic, electrostatic, and electromagnetic units; derivation of the practical units—Volt, ohm, ampere, coulomb, farad, etc.; principles and types of electrometers; the principles of the methods, and the laboratory methods usually employed in measuring quantity of electricity, currents, electromotive forces, resistances, capacity, activity, coefficients of induction; principles and tests of dynamo-electric machinery; theory of alternating currents and alternate current instruments.

Students attending this course for the purpose of graduating for B.Sc. (see p. 181) are supposed to have already attended a course in the Physical Laboratory, or to be concurrently attending that course.

III. ASTRONOMY.

The Professorship of Practical Astronomy was founded in the year 1760, conjointly with the office of Observer in the University of Glasgow, and is in the gift of the Crown. By Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893, it is now called Astronomy, and the

Professor is a member of the Faculty of Science, the Chair having been transferred by the Universities Commission in 1893 from the Faculty of Arts to the newly instituted Faculty of Science.

Professors.

1760. Alex. Wilson, LL.D.	1803. James Cooper, D.D.
1784[1]. Patrick Wilson, LL.D.	1836. John P. Nichol, LL.D.
1799. W. Meikleham, LL.D.	1859. R. Grant, LL.D., F.R.S.

1893. LUDWIG BECKER, Ph.D., F.R.A.S.

An Observatory has always existed in connection with this Chair. The present Observatory is situated on an eminence in the immediate vicinity of the University buildings. The principal instruments are :—A Transit Circle of six inches aperture, by Ertel of Munich; an equatorially-mounted Reflector, of twenty inches aperture, by Grubb of Dublin, to which is attached an efficient star-spectroscope, of three and a half inches aperture; and an equatorially-mounted Refractor, of nine inches aperture, by Cooke of York. The students' department contains a Theodolite with Circles, fourteen inches in diameter, which is mounted in a rotating hut; and several sextants.

Dr. Wilson, the second occupant of the Chair, bequeathed to the University the sum of one thousand pounds, upon the condition that the interest thereof should be applied to the purchase of instruments and books for the use of the Professor of Astronomy and the students attending his prelections.

The Trustees of the Bellahouston Bequest Fund made in 1894 the generous grant of one thousand pounds towards the Chair of Astronomy. The money has been expended in bringing the instruments at the Observatory into an efficient state.

The Professor of Astronomy is chiefly occupied in directing the operations of the Observatory; but he also delivers a Course of Lectures on Astronomy at the University during the session, and gives expositions on instruments and methods of observation at the Observatory.

First Class.

Subjects : Elementary Mathematical Astronomy—The celestial sphere, description and theory of instruments, determination of latitude and time. Spherical Astronomy—Precession,

---

[1] Dr. P. Wilson was assistant to his father from 5th June, 1782.

Nutation, Aberration, Figure of the Earth, Newton's deductions from Kepler's Laws.

The class meets at 3 P.M. on Mondays, Wednesdays, and every second week on Fridays. Practical Demonstrations at the Observatory.

Books recommended for general reading:—Barlow and Bryan, *Elementary Mathematical Astronomy* (Univ. Corr. Coll. Tutorial Series, London); Young, *Text-book of General Astronomy.*

Second Class.

Subjects: Mechanics of the Heavens. Determination of orbits of Comets and Meteors. Interpolation and Mechanical Quadrature. Method of Least Squares.

The class meets at 3 P.M. on Tuesdays and Thursdays, and every second week on Fridays.

The first class counts as a half course for the Degree of M.A.; the two classes together, which may be taken in one session, are a full course for the Degree of B.Sc.

Students peparing for the Degree of B.Sc. in Engineering Science (under Regulations of 1890) are recommended to study the first eight chapters of Barlow and Bryan's *Elementary Mathematical Astronomy.*

IV. CHEMISTRY.

(See under Faculty of Medicine, page 83.)

V. NATURAL HISTORY.

(See under Faculty of Medicine, page 82.)

VI. BOTANY.

(See under Faculty of Medicine, page 81.)

VII. ANATOMY.

(See under Faculty of Medicine, page 85.)

VIII. PHYSIOLOGY.

(See under Faculty of Medicine, page 86.)

IX. CIVIL ENGINEERING AND MECHANICS.

The Professorship of Civil Engineering and Mechanics was instituted by Queen Victoria in 1840, and is in the gift of the Crown. The emoluments of the Chair were increased in 1872 by a supplemental endowment[1] by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow; and more recently, in 1876, an Assistantship was founded by bequest of Mrs. Black, widow of the Rev. Dr. Black, Barony Church, Glasgow.[2]

Professors.

1840. Lewis D. B. Gordon, C.E.
1855. William J. Macquorn Rankine, C.E., LL.D.
1873. James Thomson, C.E., LL.D., D.Sc., F.R.S.
1889. **Archibald Barr**, D.Sc., M.Inst.C.E.

The courses of the Professor of Engineering extend throughout the winter session, that is, from 14th October till 18th March. They comprise Lectures on Engineering Principles and Practice, Instruction in Geometrical Drawing and in Engineering Drawing and Calculations, and visits to Engineering Works and Manufactories.

These courses are designed primarily to suit students who intend to devote themselves to Civil, Mechanical, Electrical, or Mining Engineering; but the work of the classes will be found of direct practical utility to architects and to men who are engaged in any occupations connected with manufactures.

The work of the classes is not intended in any way to supersede the usual requirements of pupilage or apprenticeship in Engineering, but to enable the Engineer to gain such a knowledge of the principles underlying his profession or trade as he cannot acquire by only working in the office, in the field, or in the workshop. The classes may be attended either before or after pupilage or apprenticeship, or concurrently therewith.

Four Courses of Lectures are arranged for, three of which are delivered in each session.

To suit the convenience of men engaged in offices and works, two of the classes are held at 8 A.M., and the advanced course is held at 9 A.M.

Class I.—The Materials of Construction and the Elements of Applied Mechanics.—Mondays, Wednesdays, and Fridays at 8 A.M.—The Lectures will treat of the Origin, Preparation, Properties and Uses of the Chief Constructive Materials, especially of Cast Iron, Wrought Iron and Steel, Brass and other Alloys, Timber, Building Stones, Cements and

---

[1] The annual income of a sum of £5000.

[2] The salary for the Young Assistantship thus founded is £140 or thereby.

Concrete; and the more Elementary Principles of Mechanics in their application to problems connected with Engineering Structures and Machines.

CLASS II.—SURVEYING, LEVELLING, AND SETTING-OUT OF WORKS.—This class will not be held during the present session. It is held in alternate years with Class III., on Tuesdays, Thursdays, and Saturdays at 8 A.M. Surveying with the Chain and with Angular Instruments; Telemetry; Levelling; the Optical and Mechanical Principles, Tests, and Adjustments of Surveying and Levelling Instruments; Setting-out of Works, especially Setting-out of Railways; Mensuration of Areas of Land and of Volumes in Earth Works; the Execution of Civil Engineering Works. The Lectures will treat for the most part of those portions of the subject which are not readily learned in ordinary field and office practice.

CLASS III.—PRIME MOVERS AND THE MECHANICS OF MACHINERY.—Tuesdays, Thursdays, and Saturdays at 8 A.M.—The Lectures treat of the Sources of Energy; Fuels; the Theory of Steam and Gas Engines; the structural details of Boilers and Engines; the Mechanics of Machinery; the Elements of Machine Design; the Transmission of Power; and Friction and Lubrication in Machines. Attendance on this class should be preceded by attendance on Class I. in the case of students entering with no knowledge of Mechanics.

CLASS IV.—HIGHER APPLIED MECHANICS AND HYDRAULICS.—Daily, except Saturday, at 9 A.M. The Lectures treat of the Strength and Elasticity of Materials, the Strength and Stiffness of Beams, Girders, Columns, Framed Structures, Shafts etc.; Hydraulics and Hydraulic Appliances, including the Gauging of Water, the Flow of Water in Pipes, and the Principles of Water Wheels, Turbines, and Centrifugal Pumps.

ENGINEERING DRAWING AND DESIGN.—The drawing class room is open daily, except Saturday, from 9 A.M. till 5 P.M. Each student will be required to attend six hours per week (at times to be arranged at the commencement of the session), and will be expected to devote extra time to the performance of work. The work of the classes will comprise Lectures and Practice in Civil and Mechanical Engineering Drawing; Lectures and Practice in Design of Structures; Descriptive Geometry; and Graphical Statics; and the Kinematics of machinery, and the performance of graphical work and calculations in connection with the lecture courses.

ENGINEERING LABORATORY.—Pending the erection of the permanent Engineering Laboratory, accommodation is provided in the present buildings for Laboratory practice in Engineering. The equipment includes appliances for calorimetric tests of fuels, and for economy tests of boilers and of steam and gas engines; a 10-ton testing machine arranged for tests in tension, compression, and bending, and fitted with an autographic stress and strain recorder; apparatus for experiments in the flow of water through orifices and pipes, friction and lubrication in machines, electric lighting and transmission of power, etc.

The Laboratory is open daily and the hours of attendance are arranged with the individual students.

For the purposes of Ordinance No. 23, Section IX. (see page 181), each of the Classes I., II., and III., along with Laboratory practice, counts as a half course; Class IV., together with Laboratory practice, counts as a whole course. Candidates taking the second option under Section IX., *i.e.* candidates for the Degree of B.Sc. on the side of Naval Architecture, are required to take Class IV. together with Laboratory practice.

Recommendation.—It is strongly recommended that students of Engineering should, if possible, get themselves engaged, for two or three summers within the period of their attendance in the University, in engineering or architectural service, in offices, or in workshops, or on works such as railways, water works, or harbour works in progress.

As to the Degrees of B.Sc. and D.Sc. in Engineering Science, see Index.

As to the Certificate of Proficiency in Engineering Science, see Index.

As to the Muir Bursaries, the Metcalfe Bursaries, the Dr. Strang Bursaries, the George Young Bursary, the Walker Prizes and the George Harvey Prize, in the Department of Civil Engineering and Mechanics, see Index.

X. NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

The John Elder Chair of Naval Architecture was founded by the University in 1883. An endowment of £12,500 was provided by Mrs. Elder, widow of Mr. John Elder, engineer and shipbuilder, Glasgow. The Professor is appointed by the University Court.

Professors.

1883. Francis Elgar, LL.D. | 1886. Philip Jenkins.
1891. JOHN HARVARD BILES.

The courses of the Professor comprise a Junior Course of Lectures and Examinations upon Naval Architecture and Marine Engine and Boiler Design, and a Senior Course of Lectures and Examinations upon Naval Architecture and Marine Engine Design ; also a Junior and a Senior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design. The Junior Course of Lectures and Examinations may be taken in either the first or the second year of the regular curriculum, and the classes will meet on Mondays, Wednesdays, and Fridays at 12 noon. The classes of the Senior Course will be held on Mondays, Tuesdays, and Thursdays from 11 A.M. to 12 noon, or at any other hour that may be found convenient.

The Junior Course of Instruction in Ship Drawing and Calculations and Marine Engine Drawing and Design is expected to be taken by students in the first year of the regular curriculum ; and the classes will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M. The classes of the Senior Course will be held on Tuesdays, Wednesdays, Thursdays, and Fridays from 2 P.M. to 5 P.M., or at any other hour that may be found convenient.

As to the Degree of B.Sc. on the side of Naval Architecture and Marine Engineering, see Index.

As to the Lloyd's Register Scholarship, the Elder Bursaries, the Shipwrights' Company's Bursary, and the Kirk Memorial Prize, see Index.

III.—FACULTY OF MEDICINE.

The Faculty of Medicine embraces the Classes of Botany, Natural History, Physics, Chemistry, Anatomy, Embryology, Physiology, Materia Medica, Pathology, Forensic Medicine, Surgery, Clinical Surgery, Practice of Medicine, Clinical Medicine, Midwifery, Insanity, Diseases of the Eye, Diseases of the Ear, Diseases of the Throat and Nose, Diseases of the Skin, and Diseases of Children.

A. The subjects of the *First Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. BOTANY.

This Professorship was founded in 1818. The appointment is vested in the Crown. (See page 146, as to Botanic Garden.)

Professors.

1818. Robert Graham, M.D.
1821. Sir W. J. Hooker, LL.D.
1841. John H. Balfour, M.D.
1845. G. A. Walker-Arnott, LL.D.
1868. Alexander Dickson, M.D.
1879. I. B. Balfour, M.D., D.Sc.
1885. FREDERICK O. BOWER, Sc.D.

Lectures are given at the University every Tuesday, Wednesday, Thursday, Friday, and Saturday at 8 A.M., during the months of May, June, and July. On Saturdays, according as the season and the weather permit, either excursions are made for the study of plants in the field, or microscopic demonstrations are given in the Laboratory.

Demonstrations are given in the Botanic Garden or at the University during June and July.

The Botanical Laboratory at the University is open daily from 9 A.M. to 4 P.M. from the end of April to the middle of July. Classes for elementary practical work in the Botanical Laboratory are formed during these months at hours, so far as practicable, to suit the convenience of students.

A course of Advanced Lectures, as well as a more extended course of Practical Instruction, designed for candidates for the Science Degree, or other more advanced students, will be given in the Laboratory during the winter session. Notice of times of meeting of these classes will be given in due course.

The University Herbarium may be consulted by students on applying to the Professor.

Students in the Botanical Class may obtain, by applying to the Professor, specimens of plants from the Botanic Garden for private study.

For particulars as to the "Dobbie Smith" Gold Medal, see under "Prizes."

II. NATURAL HISTORY.

This Professorship was founded by George III. in 1807. The Professor is appointed by the Crown. In 1876 the late Mrs. Honyman Gillespie of Torbanehill endowed a Lectureship in Geology, to be called the "Honyman Gillespie Lectureship," in memory of her husband, W. Honyman Gillespie, Esq. The Professor of Natural History is the present Lecturer.

Professors.

1807. Lockhart Muirhead, LL.D.
1829. William Couper, M.D. | 1857. Henry D. Rogers, LL.D.
1866. John Young, M.D.

Honyman Gillespie Lecturer—1876. John Young, M.D.

The arrangements for the ensuing year are as follows:—

1. A course of Lectures on Zoology daily at 9 A.M., beginning in October.

2. A course of Lectures on Geology will begin in January; the detailed arrangements will be announced later on.

3. A course of Laboratory Demonstrations and Lectures for senior students will be given in summer. Laboratory hours 10 A.M. till 1 P.M.; lectures twice weekly at 12 noon.

Practical Instruction in Zoology will be given in the Zoological Laboratory during the summer and early part of the winter sessions by the Professor, with the assistance of Mr. James Rankin, B.Sc.

N.B.—*These arrangements are subject to alteration as may be required under future ordinances of the Universities Commissioners.*

The Professional Examinations in October, 1897, will have special reference to the *Cœlenterata*, *Arachnida*, and *Lamellibranchiata*; those in March, 1898, to the *Insecta*, *Brachiopoda*, and *Amphibia*.

III. PHYSICS.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. Magnus Maclean, M.A., D.Sc., F.R.S.E.

The Lectures of this course are delivered daily at 11 A.M. during the summer session. The Lectures embrace the fundamental principles of the Dynamics of Solids, Liquids, and

Gases; and the Rudiments of the Experimental Sciences—Sound, Light, Heat, Magnetism and Electricity. A detailed programme of these subjects, and a note of the text-books used and recommended, will be given to each student at the beginning of the course.

Two written examinations are held during the session.

There is a tutorial hour weekly, in which additional instruction is given by oral examination and written exercises on the previous lectures.

For the Arnott Prize in General Physics, see Index.

IV. CHEMISTRY.

This Professorship was founded by George III. in 1817, previous to which time (from 1747) there were Lecturers on Chemistry appointed by the University. The Professor is appointed by the Crown.

Lecturers.

1747. William Cullen, M.D.
1756. Joseph Black, M.D.
1766. John Robison, LL.D.
1769. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1791. Robert Cleghorn, M.D.

Professors.

1818. Thomas Thomson, M.D.
1852. Thomas Anderson, M.D.
1874. JOHN FERGUSON, M.A., LL.D., F.S.A.

Assistants.

William R. Lang, B.Sc.
William C. Anderson, M.A., B.Sc.

Lectures on Systematic Chemistry.

The Lectures of this course are delivered daily at 10 A.M. during the winter session. They commence with the discussion of the General Principles of Chemical Philosophy, the Non-Metallic and Metallic Elements and their compounds are then treated of, and the latter part of the course is devoted to the subject of Organic Chemistry. Each year's course is complete in itself, but in alternate years different departments of the Science are treated *in extenso*, Inorganic Chemistry being discussed in full one year, and a shorter time given to Organic Chemistry, while next year the Inorganic department is curtailed, and the Organic more fully treated.

Tutorial Classes.—In addition to attendance at the Lectures, the students are required to attend the Tutorial Classes, each of which meets twice a week. In these classes additional instruction, by means of oral examination and written exercises, is given.

Written examinations of the whole class are held at intervals during the session.

Higher Course.

To meet the requirements of Ordinance No. 12, Section IX. (4) (see p. 178), a higher course will be delivered as required. It will deal with the Rare Elements, Organic Chemistry, Theories of Chemistry, and the History of Chemistry.

Analytical Chemistry.

The Laboratory is open daily during the winter and summer session from 10 A.M. to 4 P.M., for instruction in Chemical Analysis and the application of Chemistry to Medicine and the Industrial Arts. Each student works independently, and goes through a regular series of analytical experiments of gradually increasing difficulty, until he is capable of performing a complete analysis. The more advanced students engage in original investigation.

Practical Chemistry.

This course, which is intended for Medical Students, is given during the summer session. It treats of the methods of testing the different bases and acids, the detection of poisons, and the preparation of the more important Pharmaceutical compounds. Instead of this practical course in summer, Medical students may take a three months' course of Laboratory instruction in winter.

Attendance on the course of Chemistry being required for the Certificate in Engineering Science, and for the Degree of B.Sc., the attention of students is directed to the following points. It will be found of great advantage to attend the Laboratory course as well as the Lectures, and care should be taken to arrange the classes in such a manner as to leave an interval for study between the conclusion of the Chemical Classes and the Degree Examination.

The Senate have resolved that "Hereafter no candidate for a Certificate in Engineering Science shall be admitted to examination in the Department of Chemistry who has not attained to the value of 50 per cent. for his written exercises in the class."

For the "Malcolm Kerr," the "Metcalfe," the "George A. Clark" Bursaries, the "Breadalbane" Scholarships, the "Donaldson" Scholarships, the "Mackay Smith" Scholarship, and the "George Roger Muirhead" Prize, in connection with Chemistry, see under "Bursaries," "Scholarships," and "Prizes" in Index.

B. The subjects of the *Second Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes :—

I. ANATOMY.

This Professorship, with which Botany was at first associated, was founded in 1718 by the Crown and College jointly. A separate Professorship of Botany was established in 1818, a distinct Lectureship on that branch having existed for a considerable time previously.

Professors.

1720. Thomas Brisbane, M.D.
1742. Robert Hamilton, M.D.
1756. Joseph Black, M.D.
1757. Thos. Hamilton, M.D
1781. William Hamilton, M.D.
1790. James Jeffray, M.D.
1848. Allen Thomson, M.D., LL.D., F.R.S.
1877. JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S.

Demonstrators:

Alex. Macphail, M.B., C.M.
John Morton, M.B., C.M.
Hugh Calderwood, M.B., C.M., B.Sc.
James F. Gemmill, M.A., M.B., C.M.

In the WINTER SESSION Anatomical Instruction is conducted in the following courses, viz.:—

1. ELEMENTARY DESCRIPTIVE LECTURES.—This class meets on five days weekly from 1 to 2 o'clock. The Lectures comprehend a full systematic description of the Bones, Joints, Muscles, and Muscular Organs, and a general view of the Nervous System and Viscera.

2. ADVANCED DESCRIPTIVE LECTURES AND DEMONSTRATIONS.—This class meets on six days weekly from 11 to 12 o'clock, viz., on five days for Lecture, and on Saturday for Microscopical Demonstrations. The course comprehends: 1st, Demonstra-

tions of Regional or Topographical Anatomy, including the Distribution and Relations of the Blood-Vessels and Nerves; 2nd, Histology and a Detailed Description of the Viscera, Brain and Organs of Sense.

3. PRACTICAL ANATOMY or DISSECTIONS under the superintendence of the Professor and Demonstrators. The rooms are open from 9 A.M. to 4.45 P.M. daily, except on Saturdays, when they close at mid-day.

Text-books.—Cleland and Mackay, or 10th edition of Quain's *Anatomy*; Cleland's *Directory for Dissection*.

In the SUMMER SESSION the rooms for Practical Anatomy are open from 8 A.M. to 3 P.M. daily.

EMBRYOLOGY.

A Lectureship on Embryology was instituted by the University Court in 1894, but the first Lecturer, Dr. John Yule Mackay, having resigned before the beginning of the second session, temporary arrangements were made for carrying on the work of the class in 1895 and 1896.

Lecturers.

1894. John Yule Mackay, M.D.
1897. JAMES F. GEMMILL, M.A., M.B., C.M.

The class meets in the Anatomy Class-room at 11 A.M. on Mondays, Tuesdays, Thursdays, and Fridays of the summer session.

II. PHYSIOLOGY.

This Professorship was founded by Her Majesty, Queen Victoria, in the year 1839, under the name of Theory of Physic. It was subsequently known as Institutes of Medicine, and is now, in accordance with Ordinance No. 31 of date 5th June, 1893, designated Physiology.

Professors.

1839. Andrew Buchanan, M.D.
1876. JOHN GRAY M'KENDRICK, M.D., LL.D., F.R.S., F.R.S.E., F.R.C.P.E.

Senior Assistant.

William Snodgrass, M.A., M.B., C.M.

Muirhead Demonstrator.

David Fraser Harris, B.Sc. (Lond.), M.B., C.M., F.R.S.E.

Second Assistant.

William Brodie Brodie, M.B., C.M.

SYSTEMATIC LECTURES.

The Lectures of this course are delivered daily at 12 noon during the winter session. They are devoted to an exposition of the main principles and facts of the Physiology of Man.

1. *General Physiology*, which includes a description of the functions of the various tissues, and of the chemical reactions which occur in the living body.

2. *Special Physiology*, or the functions of organs and systems of organs. This division of the subject includes (1) nutrition, (2) animal movements, (3) innervation, and (4) reproduction.

Examinations are held during the session.

PRACTICAL PHYSIOLOGY.

During the *summer session* Practical Instruction is given in the Laboratory by the Professor, the Muirhead Demonstrator, and Assistants, to classes of not more than thirty-five students in each class, at such hour or hours as may be found convenient. The hours usually selected are 8 to 9 A.M. and 12 noon to 1 P.M. daily, except Saturday. This course includes :—(1) Instruction in the use of the microscope, and in the microscopical examination of the various tissues with the aid of modern methods of hardening, staining, cutting, and mounting preparations. (2) The analysis of the principal fluids of the body, with special reference to the physiological processes by which they are produced. (3) The modes of observing and recording physiological phenomena. Students will be instructed in the use of physiological apparatus, and will have the opportunity of acquiring information which cannot readily be communicated in systematic lectures.

ADVANCED CLASS OF PRACTICAL PHYSIOLOGY.

A Practical Class has been instituted to meet the requirements of candidates for the Degree of B.Sc. It will meet during the winter session at a suitable hour, on two or three days weekly, and the course will comprise fifty meetings. Students will be taught (*a*) the more advanced methods of Physiological Chemistry, (*b*) special methods in advanced Histology, and (*c*) the use of physiological apparatus, the experimental investigation of the properties of muscle and nerve, the physics of the circulation, and the physiology of the senses. This course is wholly practical, and is designed to supplement the instruction given in the ordinary class of Practical Physiology, and to lead the student into the higher departments of physiological science.

The Laboratory.

The Laboratory is open daily from 10 A.M. to 4 P.M., under the superintendence of the Professor, to whom application should be made by those who may wish to pursue original investigation. It is furnished with the most modern appliances both for research and for the illustration of Lectures on Physiology.

Text-books.

For the Systematic and Practical Classes—*Text-book of Physiology*, 2 vols., by Dr. M'Kendrick.

As to the Muirhead Demonstratorship of Physiology, see p. 118.

III. MATERIA MEDICA.

A Lectureship on this branch was founded by the College in 1766, and a Professorship created by the Crown in 1831.

Lecturers.

1766. William Irvine, M.D.
1787. Thomas C. Hope, M.D.
1788. Richard Cleghorn, M.D.
1791. Richard Millar, M.D.

Professors.

1831. Richard Millar, M.D.
1834. John Couper, M.D.
1855. John A. Easton, M.D.
1865. John B. Cowan, M.D.
1880. MATTHEW CHARTERIS, M.D.

In the courses of instruction and in the scheme of professional examinations prescribed by Ordinance No. 14, the subjects included in the province of this chair are divided into the two branches of Materia Medica and Therapeutics. In the summer course of Practical Materia Medica, including Practical Pharmacy, which it is advisable to take before the winter course, attendance at twenty-five meetings of the class is required, and this is supplemented by demonstrations (twice weekly) of the most important substances in the British Pharmacopœia. Instruction is given in making up various official preparations, and in testing the purity of drugs. The earlier part of the winter course is devoted to Pharmacology or the physiological action of groups of healing agents, a syllabus of which is given to each member of the class. During the later part of the session the Professor, as far as possible, discusses their practical application in Therapeutics—the science and art of healing. Present circumstances prevent him from giving instruction in Practical Therapeutics, and consequently the attention of the student will be directed mainly to the treatment of those ailments in which bed-side instruction is not essential.

Text-books.—For the Summer Class, Mitchell Bruce's or Whitla's *Materia Medica*; for the Winter Course, Charteris's *Practice of Medicine* (7th edition); Phillips's *Materia Medica, Pharmacology, and Therapeutics*; Burney Yeo's *Manual of Medical Treatment* or *Clinical Therapeutics*; Whitla's *Dictionary of Treatment*.

C. The subjects of the *Third Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. PATHOLOGY.

This Chair was founded by Ordinance No. 29 of the Universities Commission (1889) of date 5th June, 1893. The patronage is vested in seven Curators, of whom four are nominated by the University Court and three by the Directors of the Western Infirmary. By agreement with the Western Infirmary, full accommodation and facilities for teaching are provided for the University in the Pathological Institute recently erected at the Western Infirmary. By mutual arrangement the Professor is the Pathologist to the Infirmary, and the whole material of that institution is available for teaching purposes.

Professor.

1894. Joseph Coats, M.D.

First Assistant.

Lewis R. Sutherland, M.B., C.M.

Second Assistant (with special reference to Bacteriology).

Alex. Ferguson, M.B., C.M.

Before the founding of the Chair, Pathology had been taught by Dr. Joseph Coats, who was appointed Lecturer in 1890, and who also held and still holds the office of Pathologist to the Western Infirmary.

Two courses are held, one of Pathology in winter, and one of Practical Pathology in summer. In the work of the classes the two Assistants take part, and they conduct tutorial classes during the winter session.

The course of Pathology consists of Systematic Lectures and Demonstrations. The Lectures (Monday, Wednesday, and Thursday) are devoted to an exposition of the fundamental facts and principles of Pathology. In the Demonstrations (Tuesday and Friday) the fresh material from the Infirmary and preparations from the Museum are used as the basis for an exposition of the subjects illustrated. The projection microscope and lantern are used at the lectures and demonstrations, and special microscopic demonstrations are held on Saturdays.

The class of Practical Pathology meets during the summer session four days a week from 12 to 2. The students are taken through a course of Pathological Histology and Bacteriology.

The fee for each course is £3 3s. Students who have had one of the courses may attend the Demonstrations on payment of £1 1s.

The Museum of the Western Infirmary is open to all Infirmary students, and a printed catalogue is provided. The post-mortem examinations, which are conducted from 10 A.M. onwards, are also open to the students. Each student during his curriculum must attend at least twenty post-mortems, and must produce evidence that he has received instruction in the methods of post-mortem examination.

Post-graduate or Laboratory Courses in Practical Pathology and Bacteriology are held in October and March. These courses are open also to students in their fifth year. Particulars may be obtained from the Professor.

Text books.—A Manual of Pathology by Dr. Joseph Coats, and *Practical Pathology* by Dr. J. Lindsay Steven.

II. FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. Pierce Adolphus Simpson, M.A. (Cantab.), M.D.

This class will meet daily from 11 to 12 during the summer session.

The Lectures on Forensic Medicine will, as far as possible, elucidate the application of every branch of Medical Science to the purposes of the law.

In the department of Public Health special attention will be given to the subjects of Air, Ventilation and Heating, Water, Food, Meteorology, Injurious Trades, Vital Statistics, Sanitary Law, Disinfection, Disposal of Sewage and Refuse, and Sanitation in general.

During the session students will have an opportunity of visiting, along with the Professor or his assistant, the most important public institutions and works in the district dealing with Disposal of Sewage and Refuse, Disinfection, Ventilation, etc.

Demonstrations, macroscopic and microscopic, will be given frequently during the session, illustrating, as far as possible, the whole range of Forensic Medicine and Public Health.

Written and oral examinations (attendance on which is compulsory) will be held at intervals.

In addition, facilities will be given for studying Practical Toxicology in the Medico-Legal Laboratory at the University.

Text-book.—Guy and Ferrier's *Principles of Forensic Medicine.*

N.B.—(*See under Faculty of Law*, *p.* 106.)

D. The subjects of the *Final Professional Examination* for the Degrees of Bachelor of Medicine and Bachelor of Surgery are taught in the following classes:—

I. SURGERY.

This Professorship was founded in 1815, and is in the gift of the Crown.

Professors.

1815. John Burns, M.D.
1850. James A. Lawrie, M.D.
1860. Joseph Lister, M.B., F.R.S.
1869. Sir George H. B. Macleod, M.D., LL.D., F.R.S.E.
1892. William Macewen, M.D., LL.D., F.R.S.

The Professor delivers during winter a course extending to 100 meetings of the class, and consisting of systematic lectures, illustrated by diagrams, casts, and pathological preparations, and of frequent demonstrations, in many of which the electric projection microscope is used for demonstrating surgical pathological histology. There are three written examinations, with oral examinations at intervals. The following is a general outline of the course:—Anaesthesia; wounds and their varieties; haemorrhage and its arrest; the phenomena of destruction and repair of tissues; inflammation; bacteriology; infective processes and diseases dependent upon bacteria and their products; neoplasms; injuries, including fractures and dislocations; Regional Surgery.

During summer Operative Surgery is conducted daily, and consists of descriptive instruction by the Professor in the principal operations, and the performance of recognized operations by the students under supervision.

In the course of Clinical Surgery which the Professor conducts both winter and summer at the Western Infirmary, as part of the regular Clinical Instruction given to University students, practical instruction is given in the methods of clinical observation, surgical diagnosis and treatment. The Professor also takes occasion, as far as the material is available, to draw the attention of the students to the points illustrative of the principles taught in the systematic course.

II. CLINICAL SURGERY.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. George Buchanan, M.A., M.D., LL.D.

The Professor teaches Clinical Surgery by "Lectures and other instruction" on the cases of patients affected with injuries, diseases, etc., requiring Surgical treatment. There is a summer as well as a winter course.

The class meets daily at 9 A.M. in the Western Infirmary. The work of the week is distributed as follows:—*Monday*—Complete ward visit and clinical remarks at the bed-side. *Tuesday*—Clinical lecture and operations in operating theatre, and ward visit to the most important cases. *Wednesday*—Tutorial class for bandaging, etc., and ward visit. *Thursday*—Clinique—short remarks on new cases, which are examined by the students, with the assistance of the Professor, in the class-room, operating theatre, and ward visit. *Friday*—Clinical lecture and operations in the operating theatre, and ward visit. *Saturday*—Ward visit.

III. PRACTICE OF MEDICINE.

This Professorship, created in 1637, but long suppressed for want of revenue, was revived by the College in 1712, and endowed by Queen Anne in the following year. It is in the gift of the Crown.

Professors.

1714. John Johnstoun, M.D.
1751. William Cullen, M.D.
1756. Robert Hamilton, M.D.
1757. Joseph Black, M.D.
1766. Alex. Stevenson, M.D.
1789. Thomas C. Hope, M.D.
1796. Robert Freer, M.D.
1827. Charles Badham, M.D.
1841. William Thomson, M.D.
1852. John M'Farlane, M.D.
1862. WILLIAM TENNANT GAIRDNER, M.D., LL.D., F.R.S.

The course is directed to the exposition of the Healing Art in its more practical aspects, having regard to the immensely wide range of diseases usually assigned to the physician and the general practitioner, as opposed to the surgeon and the specialist. The general principles and doctrines which are available at the bedside of the sick are each year carefully and thoroughly considered in connection with such a number and variety of illustrative instances as may be expected to leave a lasting and vivid impression of the essentials of Diagnosis, Prognosis, and Treatment, in so far as these can be advantageously delivered in the form of lectures guided by a systematic plan, conveying not only the opinions of the professor, but also references to the general history of opinion, and the steps by which the existing knowledge of disease has been built up. Thus, a broad and sufficient basis is obtained for conveying an insight into what may now be regarded as settled medical doctrine, and also, as regards points which cannot be so considered, suggestions as to the direction in which we may reasonably look for guidance in the future. But no attempt is made to give a complete synopsis annually of the details of practice in all departments; for this, the student is of necessity referred to one or other of the current text-books. In 1897-98, the first part of the course will be occupied with the exposition of the Fevers, using especially the greater specific Fevers as types, and giving precedence to some of those of which practical illustrations are usually to be found in the City of Glasgow Fever Hospital at Belvidere, where the Professor recommends the students to avail themselves of the opportunities liberally afforded under the Local Authority for clinical instruction in this subject. The general doctrines of Pyrexia, the use of the Thermometer as a medical instrument, the physiological and pathological relations of temperature to functional disturbance and tissue change, will be discussed in this part of the subject. The connection of particular Fevers with micro-organisms, and the newer doctrines in regard to toxins, anti-toxins, etc., as bearing both on diagnosis and on treatment, will be indicated as far as possible, without diverging too much from practical lines; and the prevention as well as the treatment of the different Fevers will be considered, so as to comprise in this part of the course the principles, if not the details, of sanitary administration. In the early part of the session instruction will also be given on the elements of Physical Diagnosis, so as to constitute a preparation for hospital and dispensary work. Diseases of the Heart and Great Vessels will next come under consideration, and after these, certain Diseases of the Abdomen, as far as time will allow. Professor Gairdner has been in the habit of giving two lectures a week in summer in order to overtake subjects left out of the winter course, attendance on these lectures being voluntary, and without additional fee. In the summer of 1897 this course will be upon Diseases of the Nervous System. The subjects treated of in summer will form part of the tutorial work of next winter. The course will be illustrated by diagrams and tables, hand-coloured drawings and photographs, etc., wax casts, models, and preparations of morbid

Anatomy; and, while Clinical Instruction, as given in the Western Infirmary, will necessarily and properly be kept entirely distinct from systematic, incidental reference will sometimes be made to cases under treatment as illustrating details or principles which it is desirable so to bring home to the student. Professor Gairdner conducts at the Western Infirmary, both in winter and in summer, part of the regular Clinical Instruction given to the Medical Students of the University; and he holds that such instruction (whether given by him or by others) is the only form of "laboratory" or "practical" instruction which has any relation to a course of Practice of Medicine. Tutorial Instruction, however, on the basis of the lectures, and by examination *vivâ voce*, will be given to the class in sections, at separate hours adjusted to the convenience of students, one hour a week being assigned to each section. Three written examinations are held in the course of the winter session, in December, February, and March respectively; and the medals and certificates of distinction are determined upon the basis of these Examinations, for which the tutorial classes are considered as a preparation. The meetings of the whole class (including the written examinations) will amount to about 100 during the winter session.

A portrait-medal of Professor Gairdner is awarded to the most distinguished student in the class of Practice of Medicine. The dies for this medal were presented to the University along with a Portrait of Dr. Gairdner by his former students, on 28th January, 1893.

Text-books.—Those most generally used in the class are:—Bristowe's *Theory and Practice of Medicine*, last edition, or Frederick Taylor's *Manual of the Practice of Medicine*; Finlayson's *Clinical Manual for diagnosis and hospital work* (third edition, 1891); Yeo's *Manual of Medical Treatment or Clinical Therapeutics*; Whitla's *Dictionary of Treatment.* The following well-known systematic treatises, however, are also recommended, and may be used by those who prefer them, viz.:—The recently published *Principles and Practice of Medicine*, by the late Dr. Fagge, of Guy's Hospital (London, third edition, 1891); the equally valuable and highly original treatise of Professor Osler, of Baltimore (written, of course, more from the American point of view); Frederick

Roberts; Pepper's American *Text-book of the Theory and Practice of Medicine*, 1893. Graham Brown's, also Fenwick's *Treatises on Medical Diagnosis*, and Gee on *Auscultation and Percussion*, are smaller and more special works, which will be found very serviceable. Another excellent text-book on Physical Diagnosis is that of Drs. Gibson and Russell of Edinburgh. The well-known dictionaries of Quain and Fowler, with the older one of Reynolds, and the immense Cyclopædia in sixteen volumes (together with Index Vol. and Supplement), edited by Ziemssen (translation 1875-81), though not at all suitable as text-books, may be referred to on particular topics, and are accessible in the Library. The Professor's *Clinical Medicine* (1862) is out of print, but will be found in the Reading-Room, and may be used for occasional reference.

IV. CLINICAL MEDICINE.

This Professorship was founded by the University in May, 1874. The Professor is appointed by the University Court.

Professor.

1874. Thomas M'Call Anderson, M.D.

The class meets five days a week during the winter and summer sessions, and three or four written examinations are held. On Mondays and Fridays the Professor meets the whole class in the lecture-room. On the Monday three or four cases (such as may be studied beyond the immediate vicinity of the patient) are demonstrated; on the Friday a clinical lecture is given on cases in the wards, or upon some subject bearing upon the course. On Tuesdays the Professor meets the junior and on Thursdays the senior division of the class, when there is a demonstration of several cases in the wards. On Wednesdays he makes a ward visit with the clinical clerks. The two medical tutors meet the senior division of the class (in two sub-sections) on Tuesdays, and the junior on Wednesdays and Thursdays, when the students are brought individually into contact with the patients, are taught how to investigate their cases, and are instructed in the use of instruments, apparatus, etc. On Saturdays one of the tutors revises with the clinical clerks the cases which they have reported during the week.

V. MIDWIFERY.

This Professorship was founded by George III. in 1815. The Professor is appointed by the Crown.

Professors.

1815. James Towers, M.D.
1820. John Towers, C.M.
1833. Robert Lee, M.D.
1834. William Cummin, M.D.
1840. John M. Pagan, M.D.
1868. William Leishman, M.D.
1894. **Murdoch Cameron, M.D.**

The Lectures embrace the Theory and Practice of Midwifery and the Diseases of Children. The Professor was Physician to the University Lying-in Hospital and Dispensary, an institution which was many years ago established in the neighbourhood of the old College. The altered circumstances of the school having, however, rendered this situation unavailable for Clinical instruction, other arrangements have now been made by which the Managers of the Western Infirmary have placed a ward for the Diseases of Women under the charge of the Professor. Ample opportunity is afforded for Clinical instruction in Midwifery at the Glasgow Maternity Hospital, to which the Professor holds the appointment of Consulting Physician.

A course of lectures on the Diseases of Women is delivered in summer.

E. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are required also to attend the following courses :—

I. INSANITY.

This Lectureship was instituted by the University in 1880. Great advantages are offered to students for the study of this subject, the Lecturer being Physician-Superintendent of the Royal Lunatic Asylum, Gartnavel.

Lecturer.

1880. **David Yellowlees, M.D., LL.D.**

A course of Lectures is given in the University at 12 noon on Wednesdays during the summer session, and Clinical Instruction at the Asylum, Gartnavel, at 3 P.M. on Wednesdays and 10 A.M. on Saturdays.

For the Mackintosh Mental Science Bursary in connection with this class see "Bursaries."

II. DISEASES OF THE EYE.

This Lectureship was instituted by the University in 1828. Great advantages are offered to students for the study of this branch of practice by the Lecturer being one of the Surgeons of the Glasgow Eye Infirmary.

Lecturers.

1828. William M'Kenzie, M.D. | 1868. George Rainy, M.D.
1869. THOMAS REID, M.D., LL.D.

Waltonian Medical Lectureship.

Founded in 1788 by Rev. Dr. William Walton of Upton, in the County of Huntington, who bequeathed to the Senate for its support the sum of £1,000, which has been increased by subsequent accumulations to £2,650. It is at present held by DR. THOMAS REID, who is also Lecturer on Diseases of the Eye.

III. FEVERS.

The course of Clinical Instruction in Fevers must consist of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds. Such instruction is given in the Belvidere Hospital.

F. Candidates for the Degrees of Bachelor of Medicine and Bachelor of Surgery are also recommended to attend the following courses :—

I. DISEASES OF THE EAR.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. THOMAS BARR, M.D.

Short courses on Diseases of the Ear are conducted both in winter and summer. They are of a practical character, and arrangements are made so that each student who takes the course shall, in accordance with the recommendation of the Senate under Ordinance No. 14, Section VII. 10 B, attend at least ten meetings for practical instruction. At these meetings the students are taught how to examine and treat Ear Disease, while illustrative cases are regularly demonstrated. In connection with each course a certain number of lectures are delivered in the University on Tuesdays at 4 P.M. The practical work is carried on at the Glasgow Ear Hospital or Western Infirmary on days and hours to suit the convenience of students. As it is not considered desirable that there should be an elaborate or complete course of systematic lectures on this subject, it is understood that a suitable book on Diseases of the Ear should be studied by the student while attending the practical course. It will be arranged that gentlemen desirous of pursuing the subject further may receive more advanced practical instruction in a second course.

Prizes will be awarded to the most proficient students as tested by clinical examination.

Text-book.—Manual of Diseases of the Ear (2nd Edition, 1896), by Thomas Barr, M.D.

II. DISEASES OF THE THROAT AND NOSE.

This Lectureship was instituted by the University Court in 1895.

Lecturer.

1895. JAMES WALKER DOWNIE, M.B., F.F.P. and S.G.

The course of instruction on Diseases of the Throat and Nose is clinical in character, and is conducted in conformity with the recommendation of the Senate under Ordinance No. 14, Section VII., Sub-section 10 B., according to which candidates for graduation in Medicine are recommended to attend a short practical course of ten meetings on this subject. To permit of the necessary sub-division of the class for purposes of practical instruction there is a winter and a summer course, each having the same number of meetings.

At the beginning of each session, the class meets as a whole at the University on Fridays at 4 P.M. There the methods of examining the throat and nose, and the apparatus necessary for this purpose, are described and explained: the appearance of the parts in health and as altered by diseases is described, as are also the means of treatment, etc.

The class is then divided into sections for practical instruction. These sectional meetings are held at the Western Infirmary (Throat and Nose Department)—one section on Mondays, another on Thursdays, at 4 P.M. At these meetings each student is afforded every facility for examining the various patients for himself under the supervision of the Lecturer.

In the Lectures at the University fuller instruction than can be communicated in the presence of the patient regarding pathological conditions seen at the Infirmary is given, and these lectures are illustrated by casts, coloured and photographic diagrams, instruments, anatomical and pathological specimens. While the importance of attendance on the practical instruction at the Infirmary is urged, all members of the class are invited to attend the meetings at the University.

Text-book.—Clinical Manual of Diseases of the Throat, by J. Walker Downie, M.B.

III. DISEASES OF THE SKIN.

The course of instruction on Diseases of the Skin at the Hospital for Skin Diseases is of a thoroughly practical character, and is conducted by Professor M'Call Anderson during both winter and summer sessions. Arrangements are being made to supply short practical courses in accordance with the recommendation of the Senate under Ordinance No. 14, Section VII., Sub-section 10.

IV. DISEASES OF CHILDREN.

Arrangements will be made for enabling students to carry out the recommendation of the Senate, that each candidate for Degrees in Medicine should attend a short practical course on this subject.

IV.—FACULTY OF LAW.

The Faculty of Law embraces the Chairs of Law and Conveyancing, and also the Chairs of Forensic Medicine and

Political Economy. In this Faculty there are also Lectureships on Civil or Roman Law, Constitutional Law and History, Jurisprudence, Public International Law, International Private Law, and Mercantile Law.

For the information of students proposing to enter the legal profession, whether as Advocates or as Law Agents, it may be stated that by the regulations of the Faculty of Advocates, every intrant to the Faculty is required to produce evidence of being duly qualified (1) in General Scholarship, and (2) in Law. In General Scholarship the possession of any one of certain University degrees, including the degree of M.A. from a Scottish University, is deemed a sufficient qualification. If the intrant does not hold a qualifying degree he is required to undergo an examination in certain specified branches of General Scholarship, as to which information may be obtained on application to the Clerk of Intrants to the Faculty. On the expiration of a year after the intrant has been found qualified in General Scholarship, his examination in Law may be proceeded with, subject to these conditions: (1) That he shall not during the year before such examination have engaged in any trade, business, or profession, either on his own account, or as assistant to or in the employment of another; and (2) that he shall produce evidence of attendance, such as is required for admission to examination for a Law degree, in a class of Scots Law and a class of Conveyancing, in a Scottish University, and evidence of the like attendance in a class of (*a*) Civil Law, (*b*) Philosophy of Law and International Law, Public or Private, (*c*) Constitutional Law and History in a Scottish University, or such attendance in another University or School of Law as may seem to the Dean and his Council to be equivalent thereto, and (*d*) Medical Jurisprudence, in a University, or in a School recognized as qualifying for University Degrees. On the production by the intrant of evidence of his having attended the necessary classes (which he may attend in any order he thinks fit), he is examined on (1) Civil Law, (2) Philosophy of Law and International Law, Public or Private, (3) Constitutional Law and History, (4) Medical Jurisprudence, (5) Scots Law, Civil and Criminal, including Procedure, (6) Conveyancing. Information as to the books prescribed may be obtained from the Clerk of Intrants. If, however, the intrant has obtained the degree of LL.B. from a Scottish

University after examination in all the subjects above prescribed for examination in Law, he is held qualified in General Scholarship and Law without examination or other evidence of qualification, subject to the conditions that during the year immediately before presenting his diploma to the Examiners, he shall not have been engaged in any trade, business, or profession, as above set forth, and that he shall have duly presented his petition for admission and appeared before the Examiners prior to the commencement of such year. If the intrant has obtained said degree of LL.B. after passing examinations in one or more of the said subjects he is exempt from examination in these subjects. He must pass in at least two of the subjects at one time. The regulations regarding the "Public Examination," which all intrants, whether graduates or not, must undergo, require that the intrant shall write a Thesis on a Title of the Pandects assigned to him by the Dean, and shall defend it on its being impugned. The question as to the intrant's admission is then decided by the Faculty voting by ballot.

Admission to the profession of a Law Agent is regulated by the Law Agents Act, 1873, and by the Law Agents and Notaries Public Act, 1891, and relative Acts of Sederunt of the Court of Session, prescribing rules as to subjects of examination and certain conditions of admission. The former Act requires in general that every applicant for admission must have served an apprenticeship of five years with a practising law-agent or with a sheriff-clerk in office at the passing of the Act, which apprenticeship, if entered upon after the passing of the Act, must be served under indenture, recorded and intimated as the Act requires. In certain cases, however, an apprenticeship for three years is allowed as sufficient, the excepted cases including that of a person holding a degree in Law or in Arts of a University in Great Britain or Ireland granted after examination.

By an Act of Sederunt, dated 18th March, 1893, which comes into operation in terms of an Act of Sederunt of 19th December, 1893, on 1st January, 1895 (but by a subsequent Act of Sederunt of 29th January, 1895, is not to take effect in case of candidates whose indenture is dated on or before 18th March, 1893, until 1st March, 1896), an Act of Sederunt of 20th December, 1873, and all amending provisions in subsequent Acts of Sederunt are repealed except as to anything that has been done in pursuance thereof.[1] The Act of Sederunt of 18th March, 1893, institutes two examinations in General Knowledge, instead of the Entrance Examination and General Knowledge Examination required by the Act of Sederunt of 20th December, 1873, the first of which is to be taken before or within one year after the commencement of apprenticeship, and the second either immediately after the first examination or at any time within three years thereafter. The Act of Sederunt prescribes the subjects of these examinations and of the examination in Law. Lower or Higher Grade Leaving Certificates exempt from the first examination in General Knowledge, and Higher Grade Leaving Certificates from the second examination, Higher or Lower Certificates of the Oxford and Cambridge Schools Examination Board affording similar exemptions. Higher Standard Certificates in the Preliminary Examination for M.A. under Ordinance No. 11 exempt from both of these examinations. A Lower Standard Certificate in the Preliminary Examination for M.A. under Ordinance No. 11 exempts from the first examination in General Knowledge in any subject to which that Certificate applies, and a Higher Standard Certificate exempts similarly from the second examination in General Knowledge. Certificates entitling to exemption from the first examination must be presented to the Clerk of the Board of Examiners of Law Agents before or within one year after the commencement of apprenticeship, and the three years within which the second examination must be taken are reckoned as from the date of such presentation of the certificate. A candidate for admission as Law Agent is exempted from any examination in General Knowledge, if (*inter alia*) he hold a Degree of any University in the United Kingdom granted after examination. By Act of Sederunt of 12th July, 1893, a candidate does not require to undergo examination in General Knowledge if he has been admitted as apprentice under indenture, and passed the entrance examination prescribed under the Act of 20th December, 1873, prior to 18th March, 1893, and has attended classes in Arts in terms of the Act of 20th December, 1873, and has completed attendance in such classes prior to 1st

---

[1] The provisions of these earlier Acts of Sederunt may be found in previous *Calendars*.

November, 1895. Further, by the Act of Sederunt of 18th March, 1893, a candidate who holds the degree of LL.B. or B.L. of any Scottish University is exempted from any examination in Law, excepting only on Forms of Process, Civil and Criminal. Candidates who have passed the Entrance Examination under the previously existing rules are exempt from the first examination under this Act of Sederunt, and candidates who have passed the General Knowledge Examination, prescribed by the Act of Sederunt of 20th December, 1873, before 1st January, 1894, are exempted from further examination in General Knowledge, and candidates who have passed the examination in Law under the said Act of Sederunt are exempt from further examination in Law.

For Regulations as to Graduation in Law, see Index.

LAW.

This Professorship is in the gift of the Crown. After being long in abeyance for want of revenue, it was revived by the College in 1712, and endowed by Queen Anne in the following year.

Professors.

1714. Wm. Forbes, Advocate.
1746. Wm. Cross, Advocate.
1750. Hercules Lindsay, LL.D.
1761. John Millar, Advocate.
1801. R. Davidson, Advocate.
1842. Allan A. Maconochie, Advocate.
1855. Geo. Skene, Advocate.
1867. Robert Berry, M.A., LL.D., Advocate.
1887. ALEXANDER MOODY STUART, LL.D., Advocate.

SCOTS LAW.—The course extends to about 100 Lectures, embracing as full a course of Scots Law in each session as the time will permit, and including, so far as practicable, Lectures on the following subjects:—Sources and Development of the Law of Scotland; the Law of Contracts and Obligations generally, their Constitution and Extinction, Legality and Illegality; the Law of Sale; Stoppage *in transitu*; Retention and Lien; Loan; Deposit; Pledge; Hiring, and the Law of Master and Servant; Law of Carriers and Affreightment; Mandate; Partnership; Bills of Exchange; Cautionary Obligations; Marine, Fire, and Life Insurance; Law of Heritage; Servitudes; Prescription as applicable to Heritage; Law of Landlord and Tenant; Succession in Heritage and Moveables, Testate and Intestate; Marriage and Divorce, and the Rights of Husband and Wife; Law of Parent and Child; Guardian and Ward; Actions and Evidence; Diligence and Bankruptcy; Criminal Law, etc.

The text-books recommended to Students are Bell's *Principles of the Law of Scotland* and Erskine's *Principles of the Law of Scotland* (late editions).

The class meets five days a week—viz., every day except Monday, from 8 to 9 A.M. At intervals throughout the session the hour is devoted to the ordinary class examinations, which are conducted in writing.

Three Prizes are given by the University for proficiency in the class examinations; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Conveyancing. Prizes are also given by the Faculty of Procurators, generally for distinction in a special written examination towards the end of the session.

CONVEYANCING.

This Chair was instituted by ordinance of the Universities Commission (1858) of date 15th June, 1861, which was approved by Her Majesty in Council on 11th October, 1861. The right of appointment to the Chair is vested in the Dean and Council of the Faculty of Procurators, Glasgow.

Professors.

1862. Anderson Kirkwood, LL.D.
1867. Sir James Roberton, LL.D.
1889. **James Moir**, Member of the Faculty of Procurators, Glasgow.

The course extends to about 100 Lectures, and during the session there are both oral and written examinations. As full a course of Conveyancing is given each session as the time permits. The subjects treated will be selected from the following list, viz.: (1) Introductory and Preliminary Lectures. (2) The Feudal and Burgage System, the constitution of Feudal and Burgage Rights, and the transmission thereof by Deeds *inter vivos*, or by Judicial Acts. (3) Heritable Securities. (4) Leases. (5) Marriage Contracts, Bonds of Provision, Testamentary Deeds and Deeds of Entail. (6) The completion of Titles, in case of death, to Heritable and Moveable Estate.

The class meets every day, except Monday, from 8 to 9 A.M.

The text-books recommended are Duff's *Feudal Rights*, with Supplement; *Lectures on Conveyancing*, by Menzies; *Lectures on Conveyancing*, by A. M. Bell; and Craigie's *Statutes*.

Prizes are given for eminence in the class examinations during the session. Prizes are also given by the Faculty of Procurators for distinction in a written examination held towards the end of the session on some of the subjects of the course; and the "Robert Ross Prize," being the free annual income of a sum of £500 bequeathed by the late Robert Ross, Esq., writer, Glasgow, is awarded in equal portions to the head students of the year in this class and in the class of Scots Law.

FORENSIC MEDICINE.

This Professorship was created by the Crown in 1839.

Professors.

1839. Robert Cowan, M.D. | 1841. Harry Rainy, M.D.
1872. PIERCE ADOLPHUS SIMPSON, M.A. (Cantab.), M.D.

This course, qualifying for graduation in Law (B.L. and LL.B.), is delivered during the summer session.

(*Text-book.—Principles of Forensic Medicine*, by Guy and Ferrier.)

(See under Faculty of Medicine, p. 91.)

POLITICAL ECONOMY.

(See under Faculty of Arts, p. 67.)

CIVIL LAW.

The study of Civil Law in Glasgow is coeval with the establishment of the University. In the University Annals it is recorded that, in 1460, lectures on the Civil Law were delivered in the Chapter-House of the Friars Predicators by Master William of Levenax (Lennox). After being for a considerable period in abeyance, the study of the subject was revived in 1712. In the middle of last century the lectures were for the first time delivered in English; up to that time the prelections were in Latin. For some years during this century the lectures were once more in abeyance, but in session 1873-74 a class was again formed, and was taught in alternate sessions by the Professor of Law. In 1894 the University Court, carrying out a recommendation of the Universities Commission (1876), instituted a separate Lectureship in the subject.

Lecturer.

1895. J. M. IRVINE, LL.B., Advocate.

The course extends to eighty lectures. The first part of the course will deal with the Constitutional History of Rome and the history of the development of the law. This part is intended to serve as an introduction to the study of the special departments of the law. The latter part of the course will be devoted to a systematic exposition, in detail, of the various departments of the law, according to the order in which they are treated in Justinian's *Institutes*. The class meets four days a week during the winter session, from 5.30 to 6.30 P.M. Attendance at the class is required of all candidates for Degrees in Law (LL.B. and B.L.); it also qualifies for the Degree of M.A.

Text-book.—Institutes of Justinian; Eds., Moyle or Sandars. Reference is also frequently made to *Institutes of Gaius*; Eds., Poste or Muirhead.

CONSTITUTIONAL LAW AND HISTORY.

This Lectureship was instituted by the University in 1878, and the class was taught in alternate years during the summer session, the course extending to forty lectures. In 1894 the University Court, to meet the requirements of the Ordinances for Graduation in Law, placed the Lectureship upon a new footing. The course was extended to eighty lectures, and the class was made a Winter Class, meeting every year. Attendance upon the whole course is required of all candidates for the Degree of Bachelor of Laws (LL.B.). Attendance upon the first fifty lectures of the course qualifies for the Degree of M.A.,[1] subject to the conditions laid down in Ordinance No. 11, and for the Degree of B.L., subject to the conditions laid down in Ordinance No. 40.

Lecturers.

1878. Charles S. Dickson, M.A., Advocate.
1878. Alex. Ure, LL.B., Advocate.
1889. Robert T. Younger, LL.B., Advocate.
1894. WILLIAM S. M'KECHNIE, LL.B., D.Phil.

ORDINARY CLASS.—The course will be partly historical and partly analytical. The historical lectures will trace in outline the development of the Constitution from the Anglo-Saxon migrations to the present reign. The analytical lectures will treat (1) of the safeguards of the rights of individuals, and (2) of the separate parts of the Constitution and the distribution of power in the State.

The text-books recommended are those prescribed for the M.A., B.L., and LL.B. Degrees.

The hour for the meeting of the class is 4.30 P.M.

HONOURS CLASS.—(See under Faculty of Arts, p. 73.)

GENERAL OR COMPARATIVE JURISPRUDENCE.

This Lectureship was instituted by the University in 1893, under the title Philosophy of Law. The subject was at an early date treated as an integral part of the course of Moral Philosophy, under the name of Natural Jurisprudence. From 1878 it was treated by the Lecturer on Public Law as introductory to that subject.

Lecturer.

1893. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

The course extends to fifty meetings of the class, and is given on Tuesdays and Fridays during the winter session. Alternate Wednesdays are devoted to examinations. The lectures discuss the nature, origin and development of the idea of a Right, the relation of Law to other social phenomena, and of Jurisprudence to other branches of Philosophy. The various legal categories will be examined in detail. The same course under the name of Philosophy of Law may be reckoned as a half course for the Degree of M.A.

---

[1] See note on p. 158.

The class meets at 5.30 P.M.

Text-books.—(See subjects for Degrees in Law and in Arts.)

THE LAW OF NATIONS, OR PUBLIC INTERNATIONAL LAW.

In 1878 the University instituted a Lectureship on Public Law. In 1894 the University Court, to meet the requirements of the ordinances for graduation in Law, created separate courses for Private International Law and for General or Comparative Jurisprudence.

Lecturer.

1878. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

The course extends to fifty meetings of the class, and is given on Mondays and Thursdays during the winter session. Alternate Wednesdays are devoted to examinations. The Lectures give a sketch of the history of International Law, and discuss the principal doctrines as well as the philosophical principles underlying them. The same course, under the name of Public Law, may be reckoned as a half course for the Degree of M.A.

Students are expected to be acquainted with the elements of the Civil Law, and to have a general acquaintance with Modern European History. *Text-book.*—Hall's *International Law.*

The class meets at 5.30 P.M.

INTERNATIONAL PRIVATE LAW.

From 1878 this subject was treated as part of the course of Public Law. In 1894 the University Court, to meet the requirements of the ordinances for graduation in Law, instituted a Lectureship on International Private Law.

Lecturer.

1894. WILLIAM GALBRAITH MILLER, M.A., LL.B., Advocate.

This course extends to not less than forty lectures, and is given in the summer session. The lectures discuss the principal doctrines as developed in the decisions of the British Courts contrasted with the results of Continental Jurisprudence. Students are expected to be familiar with the leading doctrines of the Civil Law and of Scots Law. The class meets at 5.30 P.M.

Text-book.—Rattigan, *Private International Law.*

MERCANTILE LAW.

This Lectureship was instituted by the University in 1894.

Lecturer.

1894. JAMES MACKENZIE, Member of the Faculty of Procurators, Glasgow.

This course will extend to eighty lectures, discussing as time will permit the following subjects :—Maritime Law, including Ownership, Sale and Mortgage of Vessels, Carriage by Sea, Bottomry, Salvage, and General Average ; Carriage by Land ; Banking ; Bills of Exchange ; Joint Stock Companies ; Marine, Fire, and Life Insurance ; Bankruptcy ; Patents ; and Copyright. Attendance on the whole course may, subject to the conditions laid down in Ordinance No. 39, be reckoned as qualifying for the Degree of LL.B. ; and attendance on forty lectures, constituting a half course, may, subject to the conditions laid down in Ordinance No. 40, be reckoned as qualifying for the Degree of B.L. The class meets at 8 A.M.

V.—FACULTY OF THEOLOGY.

The Faculty of Theology embraces the four classes of Divinity, Hebrew and Semitic Languages, Ecclesiastical History, and Divinity and Biblical Criticism.

The following regulations are applicable to students preparing for the ministry of the Church of Scotland. Under the Act of General Assembly, 1883, consolidating the Acts presently in force in regard to the study of Divinity, all candidates for the ministry are required to attend at the Divinity Hall either three full and regular sessions, or two full and regular sessions and three partial sessions ; and to give at least two full sessions of regular attendance on the classes of Church History, Hebrew, and Biblical Criticism.

Each student, in order to be enrolled *for the first year* of his attendance, must present to the Professor of Divinity, *first*, a certificate from the Presbytery within the bounds of which he usually resides, and by which he has been examined on his knowledge of the Holy Scriptures according to the authorized version, and of the Catechetical Standards of the Church; and, *secondly*, a certificate signed by the Convener or Vice-Convener of one of the four Examining Committees appointed, under the Act of Assembly, 1872, to conduct the examination of students previous to their entering the Divinity Hall.[1] In order to be admitted to this examination he must, in accordance with the Act[2] of Assembly, 1896, produce, in addition to the certificate from the Presbytery recommending him, either (*a*) the diploma of a Master of Arts of a Scottish University, or the diploma of a Bachelor of Arts after an undergraduate course at any British or Irish University, *or at any Colonial University at which the course is equivalent to that of a Scottish University, and which shall be approved by the General Assembly on a report from the Committee on the admission of ministers and the status of students of Divinity*,[3] or evidence that he has passed the examinations for, and is entitled to receive, such diploma of Master or Bachelor of Arts; or (*b*) evidence that he has passed the Preliminary Examination required of those proceeding to the Degree of Master of Arts in a Scottish University, or such examination as the University authorities recognize as equivalent thereto, and that he has attended some one of the courses required for that degree, and has not only attended the classes of the course, but has duly performed the work of each of them. The subjects of examination are Greek (including the New Testament in Greek), Latin, Moral Philosophy, and Hebrew; provided always that a student who produces evidence that he has passed the examination for the Degree of Master or Bachelor of Arts in any of these subjects shall be exempted from examination in that subject.

---

[1] The following are the subjects of examination for October, 1897:—LATIN—Cicero, *De Officiis*, Books II. and III.; Horace, *Odes*, Book I. GREEK—Plato, *Phaedo*. *The Epistles to the Philippians* and *Colossians*, with Introduction: any text-book. HEBREW—The Grammar to the Regular Verb; also the Pronouns, including the Pronominal Suffixes. Genesis, Chapter I. MATHEMATICS—Euclid, Books I., II., and III. Algebra to Quadratic Equations, inclusive. NATURAL PHILOSOPHY—Deschanel, *Physics*, Part I. LOGIC—Jevons, *Elementary Lessons in Logic*. MORAL PHILOSOPHY—Muirhead, *Elements of Ethics* (University Extension Manual). ENGLISH LITERATURE—Morley's *First Sketch*, Chapter XII. (13th edition). The Examining Committees meet at the respective University seats shortly before the commencement of each session, the times and places of meeting being duly announced in the *Missionary Record* of the Church of Scotland for July annually, along with the names of the **Conveners and Vice-Conveners of the respective Committees.**

[2] The provisions of this Act are applicable to all students beginning their course in Arts with a view to the ministry after May, 1896, and also to such students as have already begun their course and may desire to take advantage of its provisions.

[3] The words in italics are taken from an Interim Act of 1896.

The student, in order to his enrolment *for each subsequent session* of his course, is required to present to the Professor of Divinity a certificate from the Presbytery within whose bounds he chiefly resides, of his having been examined by them on the progress made by him in his studies, and of their satisfaction with the same, as well as a certificate of his good moral character from the minister of his parish, or, during a vacancy in the parish, from the moderator of the kirk-session.

At the close of each session every student is required to take with him to the Presbytery certificates from the several Professors, under whom he has studied, of his good conduct and proficiency.

By Act VII. of the General Assembly, 1894, it is enacted—that "Candidates for licence who have finished a regular course of study in Theology shall be examined as soon as it can conveniently be done after the close of the Divinity session by one or other of the Examining Committees constituted by Act IX., Assembly 1872. . . . The time and place of examination, with any other necessary information, shall be published in the October number of the *Missionary Record*. The following shall be the heads of subjects of examination :—(i.) Apologetics, including Natural Theology ; (ii.) Church History ; (iii.) Old Testament Introduction and Exegesis ; (iv.) New Testament Introduction and Exegesis ; (v.) Christian Doctrine. . . . The special subjects of examination from year to year . . . as agreed upon by the several Committees, shall be intimated in the July number of the *Missionary Record*. Students who have passed for the Degree of B.D., and who satisfy the Committee that they have done so, shall be exempted from examination in the subjects covered by the Degree of B.D."

Students are required to study the art of public reading and speaking under some competent teacher approved by the Faculty of Theology,[1] during at least one hour a week in each of two sessions, the attendance extending in every case over at least sixteen weeks of the session, and to produce, before being taken on trials, due evidence of such attendance.

---

[1] For the purposes of the Act of Assembly, and to qualify for the competition for the Dowanhill Prizes, the following teachers are recognized :—Mr. Thomas Harrower, 282 Bath Crescent ; Mr. William S. Vallance, 291 Sauchiehall Street ; Mr. John Forsyth, 20 Rupert Street ; Mr. R. M. Hardie, M.A., 244 Great Western Road ; Mr. David B. Johnstone, A.Mus., 16 Burnbank Terrace ; and Mr. James C. Newlands, 397 Great Western Road.

By Act IX. of the General Assembly, 1895, it is enacted—"that every student before being taken on trial for licence shall produce evidence of having regularly attended two courses of the Pastoral Lectures provided by the Home Mission Committee."

Each student is required during his curriculum to deliver *six* discourses—viz., an EXEGESIS in Latin on some controverted head in Divinity, a HOMILY in English, a CRITICAL EXERCISE on some portion of the original text of the Old Testament, an EXERCISE and ADDITION on some portion of the original text of the New Testament, a LECTURE on some portion of Scripture, and a POPULAR SERMON, with such other exercises as the Professors may think fit to prescribe. No student can be taken on trials for licence by any Presbytery until he has produced, along with class certificates from the Professors of Church History, Hebrew, and Biblical Criticism, a certificate from the Professor of Divinity that the discourses so prescribed have been sustained.

The Faculty of Theology have adopted the following regulations as to the delivery of these discourses:—(1) That the Homily shall be given in to the Professor of Church History at such time as he shall appoint in the *first* session of the student's course; (2) that the Latin Exegesis shall be given in to the Professor of Divinity, and the Lecture to the Professor of Biblical Criticism, in the *second* year of the student's course, at such times as shall be appointed by these Professors respectively; and (3) that the Popular Sermon shall be given in to the Professor of Divinity, the Hebrew Critical Exercise to the Professor of Oriental Languages, and the Exercise and Addition to the Professor of Biblical Criticism, in the *third* session of the course, at such times as shall be appointed by the several Professors. The subjects of the Discourses will be prescribed by the Professors to whom they are severally to be given in.

DIVINITY.

This Professorship was founded in 1640, and the foundation ratified in Parliament. The Professor is appointed by the University Court.

Professors.

1640-50. David Dickson.
1642-61. Robert Baillie.
1653. John Young.
1669. Gilbert Burnet, D.D.
1674. David Liddell.
1682. Alexander Ross, D.D.
1688. James Wemyss, D.D.
1692. James Wodrow.
1708. John Simson.
1740. Michael Potter.
1744. William Leechman, D.D.
1761. Robert Trail, D.D.
1775. James Baillie, D.D.
1778. William Wight, D.D.
1782. Robert Findlay, D.D.
1814. Stevenson Macgill, D.D.
1840. Alexander Hill, D.D.
1862. John Caird, D.D.
1873. William Purdie Dickson, D.D., LL.D.

1895. **WILLIAM HASTIE, D.D.**

The course of Theology extends over three sessions.

The class meets on five days of the week, in two divisions, the Senior at 11 A.M. and the Junior at 12 o'clock.

The subjects treated in the Lectures during the three sessions will be: in the Junior Division—(1) Theology as a Science (Theological Introduction and Encyclopaedia); (2) Apologetics; (3) Philosophy of Religion; and in the Senior Division—(1) The Comparative History of Religions; (2) Biblical Theology; (3) Critical History of Christian Doctrine; (4) Systematic Theology (Dogmatics and Ethics). Essays and Discourses are prescribed to the students. In addition to the oral examinations on the Lectures, examinations in writing on the studies of the class will be held at intervals during the session.

PASTORAL TRAINING.—By a recent arrangement six Lectures on this subject will be given by a Lecturer appointed by the General Assembly.

HEBREW AND SEMITIC LANGUAGES.

This Professorship was founded by Queen Anne, 1709, under the title Oriental Languages. It is now designated Hebrew and Semitic Languages, in accordance with Ordinance No. 31 of the Universities Commission (1889) of date 5th June, 1893. The Professor is appointed by the University Court, and is a member not only of the Faculty of Divinity, but also, since 1893, of the Faculty of Arts.

Professors.

1709. Charles Morthland.
1745. Alexander Dunlop, M.A.
1751. William Rouet.
1753. George Muirhead.
1755. John Anderson, M.A.
1757. James Buchanan, M.A.
1761. Robert Trail, D.D.
1761. Patrick Cumin, LL.D.
1814. Gavin Gibb, D.D.
1831. William Fleming, D.D.
1839. George Grey, D.D.
1850. Duncan H. Weir, D.D.
1877. James Robertson, D.D.

By Ordinance No. 11 of the Universities Commission (1889) "Hebrew" and "Arabic or Syriac" are now included among the departments of study for graduation in Arts, and "Semitic Languages" among those for graduation with Honours.

The existing regulations of the Church of Scotland require all students of Divinity to give attendance on Hebrew for two sessions. The following are the arrangements for session 1897-98:—

I.—*Junior Class* (*Hebrew*), five days in the week at 10 A.M. (1) Davidson's *Introductory Hebrew Grammar*, with the Exercises; (2) Readings from the easier books of Scripture; (3) Lectures on Hebrew Archaeology.

II.—*Senior Class* (*Hebrew*), five days in the week at 9 A.M., and Tuesdays and Thursdays at 12 noon. (1) Readings in the Hebrew Scriptures; (2) Exercises in Unpointed Text and Translations from English; (3) Study of the Syntax and the Accents; (4) History of the Massoretic Text.

In each of these classes there will be daily oral examinations, weekly written exercises, and four written examinations during the session. In the Senior Class, at the 9 o'clock hour, the readings will be from the book of Isaiah, Chapters xxi.–xxxix., and Psalms lxxiii.–cvi. At 12 o'clock on Tuesdays there will be prelections on selected books (Habakkuk, Zephaniah), and on Thursdays lectures on Introduction, particularly on introduction to the books read in the class. All students of Divinity enrolled in the class are required to attend at both hours.

The Senior Hebrew is appointed as the qualifying class for graduation in Arts. Before attending the class for this purpose, students are required by the Ordinance No. 11, sect. iv., 3, to pass a preliminary examination in Hebrew "on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination." Students presenting themselves for this examination will be expected to know as much as is implied in the work of the Junior Hebrew Class, and will be examined in grammar, and in translation both from Hebrew into English and from English into Hebrew.

III.—A class, or classes in *Arabic*, or *Syriac*, to meet on Mondays, Wednesdays, and Fridays at 12 or 1 o'clock (as may be found more suitable) will also be formed, if students offer.

ECCLESIASTICAL HISTORY.

The Professorship of Ecclesiastical History was founded by George I., in the year 1716, but no appointment was made to the Chair till the year 1720. The Professor is appointed by the Crown.

Professors.

1721. William Anderson.
1752. William Rouet.
1762. William Wight, D.D.
1778. Hugh M'Leod, D.D.
1807[1]. William M'Turk, D.D.
1841. Jas. Seaton Reid, D.D.
1851. Thos. T. Jackson, D.D.
1874. William Lee, D.D.
1886. Robert Herbert Story, D.D.

The course extends over two sessions, and embraces a series of lectures as well as oral and written examinations. The Junior and Senior Classes meet at separate hours, the Junior from 11 to 12 o'clock, the Senior from 12 to 1 o'clock.

Both classes are open to non-professional students.

DIVINITY AND BIBLICAL CRITICISM.

This Professorship was founded by ordinance of the Universities Commission (1858) of date 25th November, 1861. The Professor is appointed by the Crown.

Professors.

1863. William P. Dickson, D.D.
1873. William Stewart, D.D.

This class will meet on five days of the week at 10 A.M.

---

[1] Dr. M'Turk was assistant and successor to Dr. M'Leod from 6th March, 1797.

The course of lectures is arranged to extend over two sessions; and the class should accordingly be attended in two *consecutive* years.

The lectures for 1897-98 will treat of the principles of Textual Criticism, and of some portions of New Testament Introduction.

The practical application of the principles of Criticism and Hermeneutics will be illustrated in Exegetical Lectures, and by the reading of portions of the Greek New Testament.

Essays on subjects suggested by the work of the class are prescribed at intervals during the session, and the progress of the students is further tested by examinations, partly oral and partly written.

Class of New Testament Greek.—This tutorial class is intended for those who are preparing to pass the examination on the *New Testament in Greek* previous to entering the Divinity Hall, and for those who, with a view to the Exit Examination at the close of the Divinity course, desire to extend their knowledge of New Testament Greek. It will be formed only if a sufficient number of students present themselves, and will meet on three days of the week, viz., Monday, Wednesday, and Friday at 9 A.M.

IV.—DEMONSTRATORSHIPS, ETC.

THE ARNOTT AND THOMSON DEMONSTRATORSHIP IN EXPERIMENTAL PHYSICS.

This Demonstratorship was founded in 1875 by the liberality of Sir William Thomson and Mrs. Arnott, widow of Dr. Neil Arnott, founder of the Arnott Prizes, who invested respectively £2,000 and £1,000 for the purpose of encouraging the study of Experimental Physics in the University of Glasgow. The Demonstratorship is in connection with the Physical Laboratory of the University. The holder is appointed annually by the Professor of Natural Philosophy, subject to the approval of the University Court, and his duties are to perform, and direct in the performance of, experimental researches in the Physical Laboratory, in connection with, and under the direction of, the Professor of Natural Philosophy, to give practical laboratory courses suitable for Medical and Engineering students, and to take part in the teaching of the Natural Philosophy Class, if required by the Professor, and in such way and at such times as may be appointed by the Senatus Academicus of the University.

Demonstrator.

1875. James Thomson Bottomley, M.A., D.Sc., F.R.S.

THE MUIRHEAD DEMONSTRATORSHIP OF PHYSIOLOGY.

In January, 1877, the late Dr. Henry Muirhead of Longdales, Bothwell Parish, and afterwards of Cambuslang, presented to the University the sum of £2,100, and in November, 1879, a further sum of £400, to endow a Demonstratorship of Physiology in connection with the Chair of Institutes of Medicine—the main object being the promotion of medical science by the training of young men of suitable capacity to become teachers and investigators of Physiology. The regulations with reference to the appointment are as follows:—

1. That the title of the appointment be "The Muirhead Demonstrator of Physiology."

2. That the holder of the office shall act as an assistant to the Professor of Institutes of Medicine in teaching the classes of Systematic and Practical Physiology and in original investigation.

3. That he shall also be expected and encouraged to engage in independent scientific investigation under the direction of the Professor.

4. That he will not be entitled to conduct any class on his own account without the consent of the Professor.

5. That the incumbent will be expected to devote his entire time to the duties of the appointment.

6. That the appointment be made annually by the Senatus Academicus, with the consent of the University Court, on the recommendation of the Professor of the Institutes of Medicine, who shall furnish evidence to the Senatus of the suitability of the person recommended by him.

Present Demonstrator.

David Fraser Harris, B.Sc., M.B., C.M., F.R.S.E.

THE WILLIAM BAXTER DEMONSTRATORSHIP IN GEOLOGY.

This Demonstratorship was founded by the Trust Disposition and Settlement of Mr. William Baxter, Hillhead, Glasgow, who died on 20th November, 1888, and bequeathed to the Senate the sum of £2,500, free of legacy duty, the annual income of which, less the cost of management, he directed should be paid half-yearly to the Demonstrator on the joint certificate of the Clerk of Senate and the teacher of Geology for the time being. The Senate are the patrons of the Demonstratorship.

The following Regulations, drawn in terms of the Founder's will, were adopted by the Senate on 28th February, 1889 :—

1. The Demonstratorship shall be held for three years, and shall be open to the candidate who in the three years intervening between each appointment shall have passed the Degree of B.Sc. with Honours, or, in the event of several candidates obtaining Honours, to the candidate whose aggregate marks for the whole subjects of the said degree are the highest ; but in the event of no candidate attaining to Honours, the Senate may, if they see fit, award the Demonstratorship to the candidate who shall stand highest in the list, provided his average of marks over all the said subjects is not less than 70 per cent., but any candidate who fails to obtain at least 70 per cent. of marks in the Department of Geology shall *eo ipso* be disqualified to hold the Demonstratorship.

2. The three years' tenure of office shall be subject to the condition that the incumbent discharges the duties of the office to the satisfaction of the Senate, who have power "to deprive any Demonstrator of his stipend, or a part thereof, should they at any time become dissatisfied with his conduct or his ability to carry out the duties of his office, or with the character of his lectures, or for any other reason they may consider sufficient," the Demonstrator having the right of appeal to the University Court in the event of such deprivation.

3. The duties of the Demonstrator shall be :—

    (1) To deliver two courses of lectures—twenty in the winter, twenty in the summer session—(*a*) on Mineralogy and Petralogy, or (*b*) on Palæontology, or (*c*) on Physical Geography. These lectures to be accompanied by Demonstrations on specimens selected from the Hunterian collections with the consent of the Keeper.

(2) To give Field Demonstrations of Geology and Petralogy, under the direction of the Professor of Natural History (or of Geology when that Chair shall be founded).

(3) To carry on original work in any department of Geological Science which he may select, obtaining therein such assistance by specimens as the Keeper of the Museum shall find it in his power to give.

4. These courses of lectures may be attended (*a*) by matriculated students of Geology, free; (*b*) by any matriculated student not a member of the class of Geology, on payment to the Demonstrator of a fee of £1 1s. for each course, or such higher fee as the University Court may fix; (*c*) by any member of the Geological Society of Glasgow on payment of five shillings in lieu of matriculation fee for the winter or summer session, in addition to the authorized class fee.

5. In the event of no appointment being made, or of the Demonstrator resigning, retiring, or being deprived, the revenue accruing during the period of vacancy shall be added to the capital, and the annual income thereof to the stipend payable to the Demonstrators.

The first appointment was made in April, 1889; in the ordinary course an appointment should have been made in April, 1895, on the results of the examinations for B.Sc., held between May, 1892, and April, 1895, but there was no one eligible in terms of the regulations. An appointment would have been made in April, 1896, had an eligible candidate appeared.

Present Demonstrator.

ALEXANDER VEITCH LOTHIAN, M.A., B.Sc.

GIFFORD LECTURESHIP ON NATURAL THEOLOGY.

This Lectureship, as well as similar Lectureships in the other Scottish Universities, was founded in 1887 in accordance with the Trust Disposition and Settlement of the late Adam Gifford, sometime one of the Senators of the College of Justice, Scotland. Lord Gifford directed his Trustees to pay over to the Senatus Academicus of the University of Glasgow the sum of Twenty Thousand Pounds for the purpose of establishing a Lectureship or Popular Chair for promoting, advancing, and diffusing the study of Natural Theology, in the widest sense of that term—in other words, "the Knowledge of God, the Infinite, the All, the First and Only Cause, the One and the Sole Substance, the Sole Being, the Sole Reality, and the Sole Existence, the Knowledge of his Nature and Attributes, the Knowledge of the Relations which men and the whole universe bear to Him, the Knowledge of the Nature and Foundation of Ethics or Morals, and of all Obligations and Duties thence arising." The Senate are the Patrons. The Lecturer is appointed for a period of two years and no longer, but the same Lecturer may be reappointed for other two periods of two years each, provided that no one person shall hold the office of Lecturer in this University for more than six years in all. The Lecturer is subjected to no test of any kind, and he is not required to take any oath, or to emit or subscribe any declaration of belief, or to make any promise of any kind. The Founder expressed a wish that the subject should be treated as a strictly natural science, like astronomy or chemistry. Matriculated students and others may attend the Lectures.

1888. Professor Max Müller.
1892. Principal Caird, D.D., LL.D.
1893. Professor William Wallace, M.A.
1895. Principal Caird, D.D., LL.D.
1896. Professor ALEXANDER B. BRUCE, D.D.

M'CALLUM CELTIC LECTURESHIP.

The late Rev. Archibald Kelly M'Callum, LL.D., by his holograph will, dated 8th March, 1881, to which were attached three codicils (the last dated 27th January, 1892), directed his Trustees, among other purposes, to devote an annual sum to a Lectureship, or a course of not fewer than fifteen Lectures, on Celtic Literature. He left detailed directions as to certain subjects which were to be among those discussed. The Lecturer will be appointed by the Senate for a period of three years, and will be eligible for re-election after a subsequent appointment for three years has been made. Matriculated students and others may attend the Lectures. Dr. M'Callum also directed that his library should be handed over to the University as a nucleus for a Celtic Library for the use of the Lecturers and such students as may attend the Lectures, and any others interested in Celtic Literature. The Library is to be kept separate and designated "The Celtic Lectureship Library," the sum of £10 to be annually paid by the Trustees towards making additions thereto.

V.—WOMEN'S DEPARTMENT.

QUEEN MARGARET COLLEGE.

In February, 1892, the Universities Commission issued an Ordinance (No. 18), empowering the Scottish University Courts to make provision within the Universities for the instruction of women, either by admitting them to the ordinary classes, or by instituting separate classes for their instruction. The Council of Queen Margaret College having considered the provisions of this ordinance, came to the conclusion that the purpose for which the College had been instituted would be best served by making over their work to the University of Glasgow. They accordingly, with the concurrence of Mrs. Elder, the proprietrix of the buildings and grounds hitherto occupied by the College, offered to transfer to the University Court these buildings and grounds, and the endowments (present and prospective), on condition that these should be devoted to the establishment and maintenance of University Classes for women exclusively. The University Court, after consultation with the Senate, having resolved to exercise the power conferred by Ordinance No. 18, and to provide University instruction for women mainly by the institution of separate classes, agreed to accept the offer made by Queen Margaret College, and remitted to a Committee to take the necessary steps for completing the transfer. In virtue of this arrangement the teachers in Queen Margaret College were appointed by the University Court, and the students in session 1892-93 were admitted matriculated students of the University. In 1893 the College was dissolved, and the funds were handed over to the University Court, but the name "Queen Margaret College" survives as designating the part of the University buildings and grounds which is devoted to the education of women.

The classes in Queen Margaret College will meet as follows daily, unless otherwise specified :—

WINTER SESSION 1897-98.

I.—ARTS.

Thursday, 14th October.

Classes.	*Hours.*	*Class Fees.*	
Latin, Class I.,	9.45 a.m.,	£3 3	Prof. Ramsay, Mr. John Brown, and Mr. D. Rankin.
—— *Class II.,*	3 p.m.,	3 3	
Greek, Class I.,	12 noon,	3 3	Prof. Murray and Mr. G. Macdonald.
—— *Class II.,*	8.45 a.m.,	3 3	
English Language and Literature,	2 p.m.,	3 3[1]	Mr. A. A. Jack.
French Language and Literature,	10 a.m.,	3 3	Mr. Alfred Mercier.
German Language and Literature,	11 a.m.,	3 3	Dr. A. Tille.
Logic,[2]	12 noon,	3 3	Mr. N. D. Smith.
Logic,[2] (at Gilmorehill),	9 a.m.,	3 3	Prof. Adamson.
Moral Philosophy,[3]	11 a.m.,	3 3	Mr. R. A. Duff.
Moral Philosophy[3] (at Gilmorehill),	8 a.m.,	3 3	Prof. Jones.
Political Economy (Do.),	2 p.m.,	3 3	Prof. Smart.
Education (Do.),	3.30 p.m.,	3 3	Dr. Ross.
History (Do.),	10 a.m.,	3 3	Prof. Lodge.
Mathematics, Class I.,	8.45 a.m.,	3 3	Prof. Jack and Mr. Lindsay.
—— *Class II.,*	2 p.m.,	3 3	Prof. Jack and Mr. Philip.
Natural Philosophy,	3 p.m.,	4 4[4]	Prof. Blyth.
Physical Laboratory,	Sat., 10 a.m. to 12 noon,		
Chemistry,	12 noon,	3 3[1]	Mr. T. Gray, B.Sc.
Chemical Laboratory,	10 a.m. to 1 p.m.,	£3 3 to 5 5	

II.—MEDICINE.

Thursday, 14th October.

Classes.	*Hours.*	*Class Fees.*	
Chemistry,	12 noon,	£3 3[1]	Mr. T. Gray, B.Sc.
Chemical Laboratory,	10 a.m. to 1 p.m.,	£3 3 to 5 5	
Practical Chemistry,	9–11 a.m., Tues. and Thurs.,	3 3[1]	
Physics,	3 p.m., Mon., Wed., and Fri.,	3 3[1]	Prof. Blyth.
Physical Laboratory,	10–12, Saturdays,		
Anatomy, Junior,	11 a.m.,	3 3[1]	Dr. T. H. Bryce.
—— *Senior,*	3 p.m.,	3 3[1]	
Practical Anatomy,	9 a.m. to 5 p.m.,	3 3[5]	
Physiology,	2 p.m.,	3 3[1]	Prof. M'Kendrick and Muirhead Demonstrator.

---

[1] Fee for a second or subsequent session, £2 2s.

[2] Women students may select either class of Logic.

[3] Women students may select either class of Moral Philosophy.

[4] Fee for a second or subsequent session, £3 3s.

[5] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture courses, may afterwards enrol in Practical Anatomy at £1 1s.

Classes.	*Hours.*	*Class Fees.*		
Materia Medica and Therapeutics,	12 noon,	3	3[1]	Dr. C. O. Hawthorne.
Pathology, Systematic,	8 a.m.,	3	3[1]	Dr. Workman.
Surgery,	4 p.m.,	3	3[1]	Dr. Pringle.
Clinical Surgery,	9 a.m.	(see Hospitals),		
Practice of Medicine,	11 a.m.,	3	3[1]	Dr. J. W. Anderson.
Clinical Medicine,	9 a.m.,	(see Hospitals).		
Midwifery,	12 noon,	3	3[1]	PROF. CAMERON and Dr. J. M. M. Kerr.

SUMMER SESSION, 1898.

MEDICINE.

TUESDAY, 19TH APRIL.

Classes.	*Hours.*	*Class Fees.*		
Botany,	11 a.m.,	£3	3[1]	Mr. W. H. Lang.
Practical Botany,	3.30 p.m.,	3	3[1]	
Zoology,	1 p.m.,	3	3[1]	PROF. YOUNG and Mr. J. Rankin.
Practical Zoology,	2 p.m.,	3	3[1]	
Practical Anatomy,	9 a.m. to 5 p.m.,	2	2[2]	Dr. T. H. Bryce.
Embryology,	11 a.m., Mon., Tues., Wed., Thurs.,	2	2	
Practical Anatomy and Embryology, if taken together,		3	3	
Practical Pharmacy,	12 noon,	3	3[1]	Dr. C. O. Hawthorne.
Practical Physiology,	2 p.m.,	3	3[1]	PROF. M'KENDRICK and Muirhead Demonstrator.
Forensic Medicine (Gilmorehill),	12.15 p.m.,	3	3[1]	PROF. SIMPSON and Dr. Galt.
Practical Pathology,	10.30 a.m.,	3	3[1]	Dr. Workman.
Insanity,	12 noon, Wed., University, at Gartnavel 1 day weekly	2	2	Dr. Yellowlees.
Diseases of the Eye,	4 p.m., Tues. and Fri., and Clinique, 1-4 p.m. on Mon. and Wed., and 2 p.m. on Th.	2	2	Dr. A. M. Ramsay.

HOSPITALS.—Royal Infirmary—First year, £10 10s.; Second year, £10 10s.; six months, £6 6s.; three months, £4 4s. Royal Hospital for Sick Children twelve months, £1 1s. Glasgow Maternity Hospital £2 2s.

SCIENCE CLASSES.—Of the subjects above enumerated the following are also in the Faculty of Science, viz.: Mathematics, Natural Philosophy, Chemistry, Botany, Zoology, Anatomy, Physiology, and attendance upon the lectures and in the practical classes qualifies for graduation in Science.

The Honours Classes in Arts and the Higher Classes in Science at Gilmorehill are open to women.

The arrangements for the classes in Queen Margaret College are similar to those of the classes for men, with the exception of English, French, German, Logic, Moral Philosophy, and Natural Philosophy, the arrangements for which are as follows:—

---

[1] Fee for a second or subsequent session, £2 2s.

[2] Students who have taken two winters and two summers of Practical Anatomy, as well as the Junior and Senior Lecture courses, may afterwards enrol in Practical Anatomy at £1 1s.

ENGLISH LANGUAGE AND LITERATURE.

Lecturer.

1895. Adolphus A. Jack, B.A.

The work of the class will comprise the following subjects:—1. The Elizabethan Drama, with special reference to Shakespeare. The plays dealt with at length will be the following: Marlowe's *Dr. Faustus* and *Edward II.*; Shakespeare's *Two Gentlemen of Verona*, *Richard II.*, *Much Ado About Nothing*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *Coriolanus*, *Tempest*; Jonson's *Alchemist*; Beaumont and Fletcher's *Philaster*; Webster's *Duchess of Malfi*; Milton's *Samson Agonistes.* All the non-Shakespearian plays except *Samson Agonistes* will be found in Nimmo's *British Dramatists.* 2. English Composition. 3. The Outlines of English Philology. 4. (*a*) *Selections from the Spectator*, ed. Deighton (Macmillan); (*b*) *The Golden Treasury of Songs and Lyrics*, Book IV.

Subject 1 will be taken on Mondays, Fridays, and alternate Wednesdays at 2 P.M., and the class which meets on these days will be called the Literature Class. Subjects 2, 3, and 4 will be taken on Tuesdays, Thursdays, and alternate Wednesdays at 2 P.M., and the class which meets on these days will be called the Language Class. Students who take English for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone, or (if they have attained the age of 18 years) the Literature Class alone. The age limit may be dispensed with on certain conditions. The fee for the Language Class or the Literature Class alone is £2 2s.

Books recommended for summer reading:

1. Mr. Stopford Brooke's *Primer of English Literature*, Professor Dowden's *Primer on Shakespeare*, Professor Saintsbury's *Elizabethan Literature* (all Macmillan).
2. Professor Nichol's *Composition Primer* (Macmillan).
3. Mr. Champney's *History of English* (Rivington).

For further details as to the work of these classes, and as to the Honours Class, see p. 63. For Vacation work, and for the Nichol Memorial Prize, see Index.

FRENCH LANGUAGE AND LITERATURE.

Lecturer.

1895. **Alfred Mercier**, L. ès L..

The class meets daily at 10 a.m., and the course qualifies for graduation in Arts.

The work of the classes will comprise the following subjects:—

A. *Literature.*—Mondays and Fridays, and alternate Wednesdays. *Mondays.*—History of the French Comedy in the 17th and 18th centuries (20 lectures). *Fridays.*—Special study of some comedies of Molière, Regnard, Le Sage, Marivaux, Beaumarchais (20 lectures). *Alternate Wednesdays.*—Literary essays will be read and corrected.

B. *Language.*—Tuesdays and Thursdays, and alternate Wednesdays. I. Translation into and from French (Text-book—Deshumbert, *The Public Examination French Handbook*: London, D. Nutt). II. Reading of *Morceaux choisis de romanciers et de critiques du XIX^{me} siècle* (Geneva, Eggimann). III. Outlines of French Philology (Text-book—Brachet, *Grammaire historique*).

Students who take French for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class alone or the Literature Class alone is £2 2s.

Honours Class.—See p. 65.

GERMAN LANGUAGE AND LITERATURE.

Lecturer.

Alexander Tille, Ph.D.

The work of the ordinary class will comprise the following subjects:—

A. *Language.*—Fifty Lectures in English. Accidence of the Modern German Language, with special reference to the historical relationship of the German and English languages (20 lectures). *Text book*—Brandt, *A Grammar of the German Language* (Boston, 1895). Translation into German of Mr. Stevenson's *Virginibus Puerisque* (10 lectures). Reading of Lessing's *Minna v. Barnhelm*, *Emilia Galotti*, *Laokoon*, *Nathan der Weise*; Goethe's *Faust* (I. and II.), *Egmont*, *Iphigenia*, *Wilhelm Meister's Lehrjahre*, *Lyrics*; Schiller's *Don Carlos*, *Braut v. Messina*, *Maria Stuart*, *Ballads*, *Philosophical Poetry* (20 lectures). Essays will be written every fortnight.

B. *Literature.*—Fifty Lectures in German. An historical and critical study of the German literature of the time of Lessing, Goethe, and Schiller. *Text-book*—W. Wackernagel, *Geschichte der deutschen Literatur* (Basel, 1879), Vol. I.

The Lectures under A will be given on Mondays, Thursdays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Language Class. The Lectures under B will be given on Tuesdays, Fridays, and alternate Wednesdays at 11 A.M., and the class which meets on these days will be called the Literature Class. Students who take German for purposes of graduation must attend both classes, but students who do not intend to graduate may take the Language Class alone or the Literature Class alone. The fee for the Language Class or the Literature Class alone is £2 2s.

Honours Class, for Session 1898-99 (50 lectures). A. *Language* (25 lectures in English).—Comparative Philology of the German and English languages. Reading of Old-High-German. Poetry. *Text-books*—Brandt, *A Grammar of the German Language* (Boston, 1895); Braune, *Althochdeutsches Lesebuch* (Halle, 1895). Essays to be written every month. B. *Literature* (25 lectures in German).—History of the German Legend: Common Germanic Legends, Legends of Gods, of National Heroes; the Development of Foreign Legends in German literature, Modern Legends (Faust-Legend). *Text-book*—W. Grimm, *Die deutsche Heldensage*.

LOGIC.

Lecturer.

NORMAN D. SMITH, M.A.

This class meets daily at 12 noon, and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class includes the subjects stated in the syllabus of the class of Logic and Rhetoric (see p. 65).

MORAL PHILOSOPHY.

Lecturer.

ROBERT A. DUFF, M.A.

This class meets daily at 11 a.m., and the course, which extends to one hundred meetings, qualifies for graduation in Arts.

The work of the class includes the subjects stated in the syllabus of the class of Moral Philosophy (see p. 66).

NATURAL PHILOSOPHY (PHYSICS).

Lecturer.

JAMES BLYTH, M.A., F.R.S.E.

This class will meet daily at 3 p.m., except on Saturdays; also, for practical work, on Saturdays, 10 to 12. The course will include :—

(1) Experimental Physics (Properties of Matter, Sound, Heat, Light, Magnetism, Static Electricity, Voltaic Electricity, Electro Magnetism), Mondays, Wednesdays, and Fridays. The Lectures will be fully illustrated by experiment.

(2) Theoretical Mechanics (Elementary Kinematics, Elementary Dynamics), Tuesdays and Thursdays.

(3) Practical Physics, Saturdays, 10 to 12. The students will work practically in the Laboratory, and will be taught the construction and use of physical apparatus generally, and will also be required to employ the various instruments, so as to verify natural laws and obtain numerical results.

Text-book.—Balfour Stewart's *Elementary Physics* or Knott's *Elementary Physics.*

Students intending to take a Degree in Arts must take the whole course. The requirements of students preparing for Degrees in Medicine will be met by the first division of the course, and by attending three days weekly, viz., Mondays, Wednesdays, and Fridays.

VI.—SPECIAL STUDY AND RESEARCH.

In Ordinance No. 61, the Universities Commission (1889) made the following regulations for the encouragement of special study and research, and for the appointment of Research Fellows :—

I. It shall be in the power of the Senatus Academicus in each University, with the approval of the University Court, to make regulations under which graduates of Scottish Universities or of other Universities recognized by the University Court for the purposes of this ordinance, or other persons who have given satisfactory proof of general education and of fitness to engage in some special study or research, may be admitted to prosecute such study or research in the University.

II. It shall be the duty of the Senatus Academicus in each University—(1) To receive and decide upon all applications for admission to prosecute special study or research; (2) To prepare a list of all persons so admitted (hereinafter referred to as Research Students); (3) To make regulations for the supervision of their work; (4) To satisfy themselves from time to time that the Research Students are carrying on their work in the University in a satisfactory manner; (5) To suspend or exclude from any course any student whose conduct or progress is unsatisfactory.

III. Every applicant for admission must send in to the Senatus Academicus a written application stating any degree or other distinction which he has already obtained, the line of study or research which he wishes to prosecute and the probable period of its duration, together with evidence as to his character, capacity, and general qualifications.

IV. Any application for admission shall be in the first instance referred by the Senatus Academicus to the appropriate Faculty, or to a Committee appointed by the Senatus; one member of the Committee shall always be a Professor or Lecturer within whose department the proposed line of study or research falls. No applicant shall be recommended by the Faculty or the Committee who has not satisfied them by examination or otherwise that he is qualified to prosecute the proposed line of study or research, and further—(*a*) That his proposed line of study or research is a fit and proper one; (*b*) That he possesses a good general education; (*c*) That he is of good character; (*d*) That he proposes to prosecute his studies or research during a period to be approved by the Senatus Academicus. The Faculty or the Committee shall make a report to the Senatus Academicus upon each application. It shall also be their duty, subject to the regulations of the Senatus Academicus, to provide for the supervision of the Research Student's work, and to report at least once a year to the Senatus as to his progress and conduct. The Senatus shall then determine whether he shall remain a Research Student.

V. Every Research Student shall be required to matriculate each year, paying the ordinary fee.

VI. Research Students shall have access to and the use of the University Laboratories and Museums, under such conditions as to payment and otherwise as the University Court, after consultation with the Senatus Academicus, may determine.

Under this section the following regulations have been made :—1. In each laboratory each Research Student shall make payment of a sum which is estimated by the Professor as sufficient to cover the ordinary expenses incident to the Research Student's work. Apparatus and material beyond what is included in the ordinary operations of the laboratory shall be charged to the Student, unless the Professor judges that such apparatus and material will be a useful addition to the laboratory. But it shall be in the power of each Professor to propose to the University Court in any particular case that these payments may be remitted in whole or in part. 2. In all matters of discipline the Research Student shall be under the control of the Professor in whose laboratory he works. 3. All papers arising out of work done in a laboratory shall be submitted to the Professor before publication, and in all such publications a due recognition of the laboratory shall be inserted.

VII. The title of Research Fellow may be conferred by the Senatus Academicus, with the approval of the University Court, on Research Students who have shown special distinction. Such title shall not of itself confer any right to stipend, but it shall be in the power of the University Court to provide a stipend of such amount and for such period as it may think fit to any Research Fellow under the powers of Ordinance 25, Section XI., sub-section 8.

VIII. (1) The Research Fellows shall be appointed as aforesaid after consideration of the report or reports submitted in terms of Section IV. hereof.

(2) The title of Research Fellow may be conferred either at the commencement of the Research Student's course of study or research, or at any time during its progress, as the Senatus Academicus may determine.

(3) Research Fellows shall retain their title and stipend, if any, for the period during which they are engaged in special study or research in the University, and no longer.

(4) Research Students who have been appointed Research Fellows shall continue to be subject to the conditions above prescribed as to the supervision of their work and the reports to be made thereon.

IX. Nothing herein contained shall prejudice the right of Research Students to such Fellowships, Scholarships, or Prizes as may be open to them by Ordinance or Deed of Foundation.

X. The University Court may, subject to the provisions of Ordinance No. 25, Section XI., sub-section 8, provide such sums as it may think fit in aid of the expenses of special study or research.

Research Students and Fellows—John C. Beattie, D.Sc., 1897 ; Marian S. de Smolan, Ph.D., 1897.

VII.—LIBRARIES, MUSEUM, BOTANIC GARDEN.

UNIVERSITY LIBRARY.

The University Library was founded in the fifteenth century. It contains an extensive and valuable collection of books. The Library is under the immediate superintendence of a Committee consisting of three members of the University or others, not being members of Senate, appointed by the University Court, and of six members of Senate appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Librarian is appointed by the University Court.

The Library is always increasing by donations and by a grant of £707 per annum, formerly paid by the Treasury, as compensation for the loss of the Stationers' Hall privilege, and now received from the University Court.

During recent years the Library has acquired several valuable collections. Amongst these the most important are the following:—

The Collection bequeathed to the University by the late W. EUING, ESQ., amounting to about 15,000 volumes. It contains many books printed in the fifteenth and sixteenth centuries, illustrated books, English literature, Classics, above 2,000 Bibles, and a very large number of Psalm and Hymn books.

The Library of the late SIR WILLIAM HAMILTON, Professor of Logic in the University of Edinburgh, amounting to about 8,000 volumes. This collection, which consists principally of Classics, editions of Aristotle, and treatises on Logic and Metaphysics, was purchased by private subscription and presented to the University. A list of the subscribers was inserted in the *Calendar* for 1879-80.

The WALKER-ARNOTT Botanical Library of 970 volumes.

The Musical Library of the late THOMAS L. STILLIE, ESQ., numbering 760 volumes. It contains the works of the chief composers, many of them in score, and an extensive series of modern operatic compositions, continental and English.

The collection of books on Palestine, which belonged to the late DR. A. B. M'GRIGOR, consisting of 655 volumes of works, illustrating the natural and civil history, topography, and antiquities of Jerusalem and the Holy Land. This collection was presented along with 83 volumes, containing about 1,000 pamphlets, by Alexander M'Grigor, Esq.

The library of the REV. A. K. MACCALLUM, LL.D., containing over 3,000 volumes, bequeathed to the University—along with an annual sum of £10 to be spent on its increase—as the nucleus of a Celtic library.

A collection of works, numbering over 500 volumes, relating to Mediaeval Philosophy, which formed part of the library of the late PROFESSOR VEITCH—presented by Mrs. Veitch.

The works on Mining belonging to the late ALEX. MACDONALD, ESQ., M.P.; works on Engineering from the libraries of the late PROFESSORS LEWIS GORDON and MACQUORN RANKINE; works on Oriental literature from the library of the late PROFESSOR WEIR; a large collection of medical works, theses, and pamphlets, from the late PROFESSOR ALLEN THOMSON; 800 volumes of general literature from the library of the late F. A. ECK, ESQ.; over 1,000 volumes—selected from the library of the late JAMES HOTSON, merchant—presented by DR. THOMAS REID; and numerous works of reference for the Reading Room from the late DR. A. B. M'GRIGOR.

Wall or table cases were given by William S. Dixon, Esq. (1); William Euing, Esq. (1); Professor Rainy, M.D. (1); Professor Sir James Roberton, LL.D. (2); and Alex. Whitelaw, Esq., M.P. (2).

The custody and management of the Library are regulated by Ordinance No. 64, and by the rules framed and approved by the University Court under that Ordinance on 14th November, 1895. The following are the principal regulations relative to the use of the Library:—

Books shall not be given out except to the borrower in person, or to some one having written authority from him.

It shall be in the power of the Librarian at any time to withdraw any work from circulation, subject to appeal to the Library Committee; and to call in any book from any borrower after the lapse of the period for which such borrower is entitled to retain it, upon receiving a written request to do so from any person entitled to the use of the Library. In the notice of recall a period of not less than three clear days shall be allowed for making the return, and the penalties leviable for neglect shall be specified in the notice.

The following classes of work, viz.:—Manuscripts, rare books or books in any way difficult to be replaced, works of reference, separate maps or plates, unbound music or parts of works, pamphlets or books not sufficiently protected by the binding, shall not be given out except on an order of, and under conditions to be fixed by, either (*a*) the Senate, (*b*) the Library Committee, or (*c*) three Members of the Library Committee, according as, in the discretion of the Librarian, the special circumstances of each case may require.

Each member of the following classes of readers shall be allowed to borrow, and to have in his, or her, possession at one time the under-mentioned number of volumes, but not more :—

Each Member of the Senatus Academicus, thirty volumes.

Each University Lecturer, twenty volumes.

Each Assistant and Examiner, and each holder of a Teaching Fellowship, fifteen volumes.

The Librarian, ten volumes; and each Assistant-Librarian, five volumes.

Each Extra-Academical Teacher, recognized by the University Court, in the town in which the University is situated, ten volumes.

Each retired Principal or Professor, ten volumes.

Each Member of the University Court, during his tenure of office, ten volumes.

Each Member of the General Council of any Scottish University (and each Graduate under the age of twenty-one years) in each year in which he, or she, shall have paid a subscription to the Library of ten shillings and sixpence, six volumes.

Provided that no Member of the University Court or of the General Council shall be entitled to obtain from the University Library books required by the teachers or students of the University in the prosecution of academic work and research, and that it shall be in the discretion of the Librarian, subject to appeal to the Library Committee, to decide from time to time what books are so required.

Any Member of the General Council of any Scottish University shall be allowed to compound for the Library subscription by a single payment of Five Guineas, which shall secure to him, or her, for life the same privileges as would accrue from the annual payments.

It shall be in the power of the Library Committee from time to time to grant the use of the Library to persons who may not be Members of the University, for purposes of literary research, and the names of those privileged readers shall be reported annually to the University Court. All grants under this section shall terminate with the close of the reading year, but shall be renewable if again applied for. Each special reader shall pay an annual subscription of ten shillings and sixpence, and shall be entitled to borrow six volumes at one time, but not more.

Subject always to the provision as to the return of books for the annual inspection, all persons entitled to the use of the Library under the foregoing regulations shall have the right to retain each book borrowed during the winter session for one month, and each book borrowed during the summer session for two months, from the date of borrowing; and may further retain each book until it shall have been recalled by the Librarian.

Every Matriculated student, or other Student admitted by ordinance to the use of the Library, shall be entitled to have in his, or her, possession at one time, during the winter session, four volumes but not more, and during the summer session and vacation, six volumes but not more. Every student shall have the right—subject to the return of books for the inspection—to retain any book during the winter session for two weeks, and during the summer session for four weeks, from the date of borrowing and may further retain each book until it shall have been recalled by the Librarian. But no student shall be permitted to borrow any book from the Library until he, or she, shall have lodged with the Librarian a deposit of £1 in security for the due return of the books and the payment of any fines which may be incurred.

During the winter session such students only as are attending the English Literature classes shall be allowed to borrow works of fiction in English, and then only to the extent of two volumes at one time. During the summer session and vacation students may borrow three volumes of fiction at one time, but not more.

The reading term for Students, Members of General Council, and Special Readers, shall begin with the commencement of the winter session in each year, and terminate with the close of the autumn vacation following.

Readers shall not be allowed to borrow books in more than one capacity.

A general inspection of the Library shall take place in April, beginning with the seventh, and continuing for eight lawful days thereafter.

All works whatever, and by whomsoever borrowed, shall be returned to the Library before the beginning of the period of the annual inspection under the penalties hereinafter mentioned. The Library shall be wholly closed during the time of the inspection.

If any person shall retain any volume after the commencement of the period of the annual inspection, such person shall incur a fine of one shilling for each volume; and in the event of any volume not being returned before the close of one week after the last day of the inspection, the fine shall be repeated from week to week until the volume is returned, or until the total amount of the fine shall have reached the sum of ten shillings.

If any person, when required by the Librarian to return a book, shall fail to do so before the expiry of the time specified in the notice, such person shall incur a fine of one shilling for each volume, and thereafter a further penalty of sixpence per day so long as the volume is not returned, or until the total amount of the fine shall have reached the sum of ten shillings.

The Librarian is instructed forthwith to report to the Library Committee all cases in which he shall find that books have been mutilated, disfigured by writing on the margin, or otherwise injured, while in the possession of readers; and persons guilty of such offences shall be liable to replace the injured books, and shall be fined or suspended from the privileges of the Library at the discretion of the Committee.

So long as any Library subscription or any fine incurred remains unpaid, and so long as any person continues in possession of a book which he is not entitled to retain, the right of the defaulter to the use of the Library shall be suspended and remain in abeyance.

All readers borrowing books from the Library must obtain them from, and return them to, the Assistant-Librarians in the ante-room on the days and during the hours when the Library is open.

Persons other than students who wish to consult books in the Library will be accommodated in the First Bay of the Lower Hall.

Visitors on giving their names will be conducted over the Library by an attendant. They are not permitted to enter the Reading-Room during the hours when it is open to students.

No person, except Members of the Teaching Staff, shall otherwise be admitted to the interior of the Library without the special permission of the Curator or Librarian.

All persons, whether readers or visitors, are strictly prohibited from entering the Bays, or taking the books from their places on the shelves.

The Library is open for giving out and receiving back books every lawful day during the winter session from 11 A.M. till 2.30 P.M., except the Christmas and other holidays specially appointed by the University, when it remains closed, and on Saturdays, when it is open from 11 A.M. till 1 P.M. During the summer it is open on Mondays, Wednesdays, and Fridays from 11.30 A.M. till 2 P.M.

CATALOGUES.

An Author and Subject Index containing the chief books likely to be interesting or useful to Students, and forming a fairly complete guide to the accessions in English of the twenty years preceding 1887, may be purchased by readers in the Library at the price of One Shilling.

Students and Graduates who are engaged in special research will, on application to the Librarian, have access to the Classified Catalogues, which include also the older literature and works in foreign languages. These catalogues have been arranged by Professor Dickson, Curator of the Library, and the expenses incurred by him in connection with their preparation have been defrayed by the late Dr. A. B. M'Grigor.

READING-ROOM.

In connection with the Library, a Reading-Room, provided with a special collection of books of reference for the use of Matriculated Students, is open for readers, Saturdays and holidays excepted, during the winter session from 9 A.M. till 4.30 P.M., and during the summer session from 9 A.M. till 2 P.M.

The Room is primarily intended for readers consulting the books of the Special Collection ; but so far as the accommodation will allow, students may make use of it for individual private study. The following are the principal rules applicable to the Room :—

Every Matriculated Student who shall at the beginning of the session or thereafter record (in a book kept by the Librarian) his desire to use the Reading-Room in accordance with the rules for consulting of books or private study, will receive a voucher entitling him to admission. No student will be admitted to the use of the Room without producing his voucher.

Every such student shall on entering apply for a tally entitling him to a seat, shall use it only for the table indicated thereon, and shall personally return it to the Assistant in charge. All readers are required to take at once the seats assigned to them, to abstain from talking, whispering, or any other form of distracting or disturbing others, and to enter and leave the Room (and Vestibule) with as little noise as possible. Readers shall exhibit their tallies when asked ; and shall at once give their names and matriculation numbers, if they shall be requested to do so.

Each student, desirous of borrowing books from the Special Collection in the Vestibule, is required to fill up one of the receipt papers with his name, matriculation number, and the title of the book or books wanted, and to present it to the Assistant-Librarian in charge. Students are not permitted to have the use of more than two volumes at one time. The books received are to be used only in the Reading-Room, and are to be returned by the receiver himself into the hands of the Assistant-Librarian. The return of books by those who have to leave the room at the end of any hour is to be made not later than five minutes before that time, and during that interval no books will be given out.

Books of reference not included in the Special Collection, but contained in the General Library, may be obtained for consultation in the Reading-Room on presenting a paper with the name and matriculation number of the reader making the request, and the title of the book wanted, to the Assistant-Librarian in the Vestibule.

The Assistant-Librarian in charge is instructed to report at once to the Library Committee the name of any student transgressing the rules.

Donations to the University Library.

List of Donations from 1st March, 1896, to 28th February, 1897.

Aberdeen University Library.—Catalogue of the books added to the Library in King's College, 1895-96.

Academie de Neuchatel.—Billeter, Sur quelques-uns des progrès récents de la chimie. 1896.

Accademia dei Lincei, Roma.—Atti. Serie 5^a Memorie. Classe di scienze morali. IV. 2. 1896. Rendiconti. Classe di scienze fisiche. V. 1896. Classe di scienze morali. V. 1896.

Académie des Sciences de Cracovie. Bulletin international. 1896.

Accademia delle scienze fisiche e matematiche di Napoli.—Rendiconto. Serie 3^a. II. 1896.

Accademia Pontaniana. Atti. XXVI. 1896.

The Admiralty. Greenwich Observations. 1893.—Greenwich spectroscopic results. 1893. Report of the health of the Navy for 1895.—Reduction of meteorological observations. III.—Cape meridian observations. 1888-91. 2 vols.—Report of astronomer at the Cape of Good Hope. 1895.

Army medical department.—Report for 1895.

Asiatic Society of Bengal.—Bibliotheca Indica. New series. 868-885.

American Society of Mechanical Engineers.—Transactions. XVII.

Australian Museum.—Records. II. 7.—Report of Trustees for 1895.

Berwickshire Naturalists' Club.—Proceedings. XV. 1.

Biblioteca Nazionale Centrale di Firenzi.—Bollettino delle pubblicazioni Italiane. 245-266.

Birmingham Natural History and Philosophical Society. Proceedings. IX. 2.

Boston Public Library. Small, Handbook of the New Library. 1895.—Bulletin. VII.-XIV. 1886-96.—Forty-fourth annual report.

John Brown, B.Sc.—Nature. LII.

Calendars or programmes have been received from the following institutions:—Aberdeen University; Academie de Neuchatel; Auckland University; Belfast Queen's College; Bombay University; Bradford Technical College; Brown University; Calcutta University; California University; Canterbury College, New Zealand; Cape of Good Hope University; Catholic University of America; Christiania University; Coimbra University; College of Preceptors, London; Cornell University; Dalhousie University, Halifax; Durham College of Science; Durham University; Edinburgh University; Edinburgh School of Medicine; Glasgow and West of Scotland Technical College; Gratz University; Guy's Hospital Medical School; Heriot-Watt College; Imperial University, Tokyo; Johns Hopkins University; M'Gill University, Montreal; Mason Science College, Birmingham; Massachusetts Institute of Technology; Melbourne University; New Zealand University; Otago University; Owens College, Manchester; Padua University; Parma University; Pennsylvania University; Pharmaceutical Society; Presbyterian College, Halifax; Queen's College, Galway; Queen's University, Kingston; Royal College of Surgeons of England; Royal Institute of British Architects; R. Universita di Pisa; Royal University of Ireland; St. Petersburg University; Society of Apothecaries of London; Sydney University; Technische Hochschule zu Aachen; Toronto University; Trinity College, London; Turin University; Union of Graduates in Music; University College

Bristol; University College, Dundee; University College, Liverpool; University College, London; University College, Nottingham; University College of North Wales; University College of Wales; University of Princeton, New Jersey; University of Michigan; Utrecht University; Vermont University; Victoria University, Canada; Victoria University, Manchester; Vienna University; Yale University; Yorkshire College, Leeds; Columbian University.

Cambridge Philosophical Society.—Proceedings. IX. 2, 3, 4.—Transactions. XVI. 1.

Chemical Society.—Journal. Nos. 401-410.—Abstract of proceedings. Nos. 161-171.—Record of proceedings at the jubilee of the Society.

Cincinnati Chamber of Commerce.—Forty-seventh annual report. 1896.

Clinical Society of London.—Transactions. XXIX.

Cornell University.—Library bulletin. No. 40.

Department of Science and Art.—Return as to application of funds for technical education, 1894-95.—Supplemental catalogue of specimens of lace. 1895.—Catalogue of engraved national portraits. 1895. Catalogue of machinery, models, etc. Part I.—Forty-third report. 1896.—Drawing instruction in elementary schools. 1896.—Directory. 1896.—Directory of College of Science for Ireland. 1896-97.—Examination papers for science schools. 1896.—Art examination papers. 1896.—Prospectus of the Royal College of Science, 1896-97. Prospectus of the Royal College of Art. 1896. Prospectus of Sir Joseph Whitworth's scholarships. 1896.—Demonstrations in astronomical physics. 1896.—Catalogue of Egyptian tapestry textiles. 1896.—Catalogue of furniture and silks of the 17th and 18th centuries.—Catalogue of continental porcelain.—Calendar, etc. 1897.—Report on technical education in Germany. 1896.—Catalogue of embroideries, etc., acquired between 1890 and 1894.

Edinburgh Mathematical Society.—Proceedings. XIV. 1895-96.

James Finlayson, M.D.—The medical chronicle. N.S. IV. 1895.—Members of the medical profession in Glasgow of wide celebrity. Memoranda. Portrait of Robert Watt, M.D.—Dr. Robert Houston, the first ovariotomist. 1896.—Account of the life and works of Dr. Robert Watt. 1897.

Fishery Board for Scotland.—Fourteenth annual report.

General Assembly of the Church of Scotland.—Report on the schemes of the Church. 1896.

Geological Survey of Canada.—Annual report. N.S. VII. 1894.

Geological Survey of India.—Records. XXIX.—Memoirs. XXVII. 1.—Palaeontologia Indica. Ser. XIII. Vol. II. 1. Ser. XV. Vol. II. 2.

Glasgow City Chamberlain.—Municipal and parochial accounts. 1895-96.

Glasgow Natural History Society.—Transactions. New Series. IV. 2. 1894-5.

Glasgow Archaeological Society.—Transactions. New Series. II. 4.

Government Observatory, Bombay.—Magnetical and meteorological observations. 1895.

Government of Netherlands India.—Observations made at the Observatory at Batavia. XVII.—Rainfall in the East Indian Archipelago, 1894.

Harvard University.—Annual reports of the College, 1894-95 and 1895-96.

Imperial University, Tokyo.—Journal of the College of Science. X. 1.

Institution of Civil Engineers.—Minutes of Proceedings. CXXIII.-CXXVI.—Charters, bye-laws, and list of members. 1896.

Institution of Engineers and Shipbuilders.—Transactions. XXIX.

Institution of Mechanical Engineers. Proceedings. 1895, Nos. 3, 4; 1896, Nos. 1, 2.

Institution of Naval Architects.—Transactions. XXXVII.

James Murray's Asylum, Perth. Excelsior, 1895.—Sixty-ninth report.

Johns Hopkins University.—University circulars. Nos. 123-127. Gorrell, Indirect discourse in Anglo-Saxon. And 22 other dissertations.

Johns Hopkins Hospital.—Bulletin. Nos. 59-70.

Kelvingrove Museum.—Report for 1896.

King's College Hospital.—Reports. II. 1894-95.

Literary and Philosophical Society of Liverpool.—Proceedings. L. 1896.

Lloyds Register of Shipping.—Register for 1896-97. 2 Vols.—Rules and Regulations. 1896-97.

Local Government Board.—Medical officer's report for 1894-95.—Report on oyster culture. 1896.

Lords of H.M. Treasury.—Register of the Privy Council of Scotland. XIII.—Journals of the House of Lords. 127. Journals of the House of Commons. 149.—Acts of Parliament: Public, Local, Private. 1896.

John C. M'Vail, M.D.—County Council of Stirling. Fifth report.—County Council of Dumbarton. Fifth report.

Manchester Literary and Philosophical Society.—Memoirs and proceedings. XL., XLI. 1, 2.

Medical Faculty of Maryland, U.S.—Transactions. 1896.

Mineralogical Society.—Mineralogical magazine. No. 51.—Index. I.-X.

Dr. David Murray.—An archaeological survey of the United Kingdom. 1896.

New York Public Library.—Bulletin. Nos. 1, 2.

Pharmaceutical Society.—Journal. 1896.

Physical Society of Edinburgh.—Proceedings. Session 1895-96.

Professor Bower, D.Sc.—Francis Orpen Morris: a memoir. 1897.—Studies in the morphology of spore-producing members. II. 1896.

Emeritus Professor Dickson, D.D.—Educational news. Nos. 1056-1105.—Palestine Exploration Fund. Quarterly statement. 1896.—Conference report of Calvinistic Methodist Church. 1896.

Professor Barr, D.Sc.—Telemeters and range-finders. 1896.

Professor Hastie, D.D.—Rankine, a hero of the Dark Continent. 1896.

Professor Jack, LL.D.—Proceedings of the London Mathematical Society. Nos. 537-573.

Professor Gairdner, M.D.—Programme of the 3rd International Congress of Dermatology. 1896.

Professor Lodge, M.A.—Richelieu. 1896.

Professor M'Kendrick, M.D.—Alma Mater. XIII. 5-7, 9, 12, 14-19.—Rickett, Christianity in common speech. And 33 other pamphlets.—Elementary human physiology. 1896.—American annual of photography, 1896.—Transactions of the American Microscopical Society. XVII.—Case of early appreciation of musical pitch. 1896.—Beatson, Carcinoma of the mamma. And 29 other pamphlets.—The Röntgen rays. And 3 other pamphlets.

Professor Story, D.D.—The Pope and Anglican orders. 1896.—Book of Common order. 7th edition.

Professor Young, M.D.—Nash, Robert Burns: an address. 1896.

Professor Lord Kelvin.—Sixty-nine volumes and 329 parts of scientific periodicals and transactions; and 434 pamphlets chiefly relating to natural philosophy.

Radcliffe Library, Oxford.—Catalogue of books added during 1895.

Dr. Thomas Reid.—Fauna und Flora des Golfes von Neapel. I.-XXII.—Oeuvres complètes de Laplace. XI.

Reports have been received from the following Libraries:—Boston Public Library, U.S.—Bradford Free Libraries. Rothschildsche Öffentliche Bibliothek.—Fulham Free Public Library.—Liverpool Public Libraries. 1895.—Baillie's Institution Free Library.—Public Library and Museum of Victoria.—Public Libraries—Newcastle-upon-Tyne.—Aberdeen Public Library.—St. Louis Public Library.

Royal Academy of Medicine in Ireland.—Transactions. XIII. 1895.

Royal Astronomical Society. Monthly notices. LVI. And Index to vols. XXX.-LII.

Royal Institute of British Architects.—Journal. III., IV. 1-8.

Royal Irish Academy.—Transactions. Science. XXX. 18, 19, 20.—Proceedings. 3rd ser. III. 5., IV. 1,—Todd Lecture series. VI.

Royal Scottish Academy.—Sixty-ninth annual report. 1896.

Royal Scottish Society of Arts.—Transactions. XIV. 2.

Royal Society of Canada.—Proceedings and transactions. 2nd series. I.

Royal Society of Edinburgh.—Transactions. XXXVII. 3, 4; XXXVIII. 1, 2.—Proceedings. XX.—Indian Meteorological memoirs. VII., VIII. 1.

Royal Society of New South Wales.—Journal and proceedings. XXIX.

Royal Society of Victoria.—Proceedings. VIII.—Transactions. IV.

Secretary of State for India.—Epigraphia Indica. IV. 3, 4.—Government of N.W.P. and Oudh. Progress report of the Archaeological Survey Circle, 1894-95.—Hultzsch, Reports on Sanskrit MSS. in Southern India. I. 1895. Scientific memoirs by medical officers of the army of India. IX. 1895.—Annual report of the Sanitary Commissioner. 1894. Statistical atlas of India. 2nd edition.—Scientific memoirs by medical officers of the army of India. Parts I.-VIII.—Wilson, Early annals of the English in Bengal. I.—Hultzsch, South Indian inscriptions. II. 3.—Watt, Dictionary of the economic products of India. Index.—Avesta: the sacred books of the Parsis. 1896.—Smith, Moghul architecture of Fathpur-Sikri. II.—Rea, Châlukyan architecture. 1896.

Smithsonian Institution.—Report of the U.S. National Museum. 1893. Proceedings of the U.S. National Museum. XVII. 1895.—Bulletin of the U.S. National Museum. No. 48.—Contributions to Knowledge. XXX., XXXI., XXXII.—Miscellaneous collections. XXXVII. No. 1031, XXXIX. No. 1037.—Annual report of the Bureau of Ethnology. 1891-92.—Holland, East African lepidoptera. And 9 other pamphlets.—Report of the American Historical Association for 1894.

Society of Antiquaries of Scotland.—Proceedings. 1894-95.
Society of Chemical Industry.—Journal. XV. 1896
Society of Public Analysts. The analyst. XXI. 1896.
Surgeon-General's Office, U.S. Army.—Index Catalogue of the Library. 2nd series. I.—Report for 1895-96.
Trustees of the British Museum.—Catalogue of fossil fishes. III. 1896.—Catalogue of birds. XXIV., XXV., XXVII. 1896.—Fossil plants of the Wealden. II. 1896. —Introduction to the study of rocks. 1896.—Guide to the British mycetozoa. 1895.—Catalogue of vases. III., IV. 1896.—Catalogue of seals. IV. 1895.—Catalogue of the Stowe MSS. I. 1895.—Index of artists in the department of prints, etc. II. 1896.—Catalogue of madreporaria. II.—Catalogue of Jurassic bryozoa. 1896.—Catalogue of snakes. III.
U.S. Bureau of Education.—Report on education. 1892-93. 2 vols. 1893-94. 2 vols.
U.S. Geological Survey.—Fifteenth annual report.—Sixteenth annual report. 4 parts. —Geological atlas of the United States. Nos. 7. 13 to 25.
U.S. Department of Agriculture.—North American fauna. Nos. 10, 11.
U.S. Coast and Geodetic Survey.—Report for 1894. 2 parts.—Bulletin. No. 35.
U.S. National Academy of Sciences.—Memoirs. VII.
Universität zu Wien.—Reinisch, Ein Blick auf Aegypten und Abessinien. 1896.—Bericht über die volksthümlichen Universitätsvorträge. 1895-96.
Université de Lyon.—Bulletin. IX. 3, 4, 5; X. 1, 2.
University of California.—Bulletin of the Department of Geology. I. 10, 11.
University of the State of New York.—Bulletin of the State Museum. III. 14, 15.—Extension Bulletin. Nos. 9-12.—State Library Bulletin. Legislation. No. 6.
University of Nebraska.—Agricultural Experiment Station. Bulletin. Nos. 44, 45.
University of Utrecht.—Hoeben, Over een centrum oculo-spinale. And 39 other dissertations.
Yale University.—Report of the President for 1895.—Observatory report for 1895-96.—Transactions of the Observatory. I. 5.—Obituary record of graduates. 1895-96.
Hungarian Statistical Bureau.—Ungarisches statistisches Jahrbuch. III.
M. Adolphe Houdard.—Premiers principes de l'économic.
Agent General for Queensland.—Jack, Notes on the condition of the Hodgkinson gold field. 1896.
Periodicals per Dr. Dickson.—The Academy. Nos. 1235-1286.—Critical review. VI. —Nineteenth Century. Nos. 227-238.
The Publishers.—Canadian Gazette. 1896.
The Publishers.—The liberty review. 1896.
The Publishers.—Colonial enterprise: weekly review of mines, etc. 1895.
Philadelphia Polyclinic and College.—The Philadelphia polyclinic. V.
British Medical Temperance Association—The medical pioneer. IV.
The Publishers.—St. Bartholomew's Hospital journal. III.
The Publishers.—The positivists' review. 1896.
R. Prosser White, M.D.—Nitro and dinitro-benzole poisoning. 1896.
James B. Russell, M.D., LL.D.—Evolution of public health administration since 1854. —On the prevention of tuberculosis. 1896.—Modern doctrine of tuberculosis. 1896.—Hints on prevention of consumption.
Hugh W. Young, F.S.A. Scot.—Sir Peter Young, Knight of Seaton. 1896.
Mrs. Andrew Irvine. Friendly disputants. 1859.—Ashburn: a tale. 1857.—Heart repose: a dramatic poem. 1867.—The symmetry and solidarity of truth. Part I. —Redivival, the true teaching of scripture. The future not necessarily the final state.
Magnus Maclean, D.Sc.—Trevandrum meteorological observations during 1853-64. 4 parts. Meteorological observations recorded at the Augustia Observatory. 1856-58, and 1864. Part 1.
Mr. Alexander A. Cuthbert.—Reminiscences of Garliestown. 1896.
Mrs. Miers.—Miers, contributions to Botany. 3 vols. 1851-71.—Miers, The apocynaceae of South America. 1878.—Miers, Illustrations of South American plants. 2 vols. 1850-57. Miers, Contributions to the Linnean Society, 1864-75.
George Lane Mullins, M.D.—Cancer in New South Wales. 1896.
Miss Milroy. Wormell, Electricity in the service of man. 1890.—Bloxam, Chemistry: inorganic and organic. 1890.—Ganot, Elementary treatise on physics. 1886.—And other 22 volumes relating to mathematics, physics, etc.
J. Lindsay Steven, M.D.—Family history and liability to consumption. 1895.—The Nauheim treatment as applied to cardiac valve disease. 1896.
Mr. William Platt.—Youth's love lore. 1896.

Mr. Augustus Choate Hamlin,—The history of Mount Mica of Maine, U.S. 1895.

Mr. Alexis J. Tsimbouraky. Essai d'un plan de metaphysique. 2e edition. 1896.

Dr. Christian Berghoeffer. Bewegliche Repositorien. 1895.—Entwicklung der Rothschildischen Bibliothek zu Frankfurt, 1891-95.

Mr. Thomas Willing Balch. International courts of arbitration, 1874.

Faculty of Physicians and Surgeons, Glasgow.—Duncan, Memorials of the Faculty, 1599-1850.

Mr. Stuart Spence.—Short sketch of the Glasgow Angus and Mearns Benevolent Society. 1895.

William Snodgrass, M.A., M.B.—Westminster Review. 133 and 134.—Fortnightly Review. N.S. XXXVII., XXXVIII., XLVII., XLVIII.—Bate, Talkers: with illustrations.—And 30 other volumes.

Mr. Archibald Young.—Theatre panics and their cure. 1896.

Mr. Joseph Aron. Canada: Transvaal. 1896.

Miss Cleland.—Aberdeen Church of Scotland Training College. Records of the classes, 1874-95.—Joseph Ogilvie, LL.D., and his first twenty-one classes. 1896.

British and Foreign Bible Society.—Fifty-eight Bibles, Old and New Testaments, and other parts of scripture in foreign languages.

School Board for London.—Report by the Medical Officer on the prevalence of diphtheria. 1896.

Law Society of Newfoundland.—The rules of the society, etc. 1896.

James Glaister, M.D., D.P.H.—Microbes: what they are, and the part they play. 1896.

Monsieur Arsene Legrelle.—La diplomatie francaise et la succession d'Espagne. 4 tomes. 1888-92.

Bibliotheque Communale de Lille.—Catalogue des ouvrages legués par le Marquis de Godefroy de Menilglaise. Histoire. II. 1895.

Lieutenant Governor of Bengal.—Annals of the Botanic Gardens, Calcutta. Vols. V., VI. 1, VII.—List of ancient monuments in Bengal. 1896.

Mr. William Frederick Regan.—Boer and Uitlander. 1896.

Government of the Punjab. Report by Mr. C. J. Rodgers on the Sangla Tibba.

James Gairdner, M.D.—Sixteenth annual report of the Medical Officer of Crieff. 1895.

Mr. Wm. G. Macdonald.—Scott, Formation and history of the 1st Lanarkshire Artillery Volunteers, 1886.

William Bruce, M.D.—Ross and Cromarty. Fifth public health report. 1895.

Engineering Society of the School of Practical Science, Toronto.—Papers. No. 9.

Ministero della Pubblica Istruzione, Italia.—Indici e cataloghi. VIII., XI., XIV., XV., XVI. 1895-6.—Le opere di Galileo Galilei. VI.

Rev. John Bigham, Ph.D.—The new psychology. 1896.

Professor Edmund J. James, Ph.D.—A review of Bryce's American commonwealth. 1896.—First apportionment of Federal representatives in the United States. 1896.

William Galbraith Miller, LL.B.—Law of nature and nations in Scotland. 1896.—Leading cases in private international law.

Mr. Richard Moore James.—Lord Beaconsfield's political career from the caricaturist's point of view. A cartoon.

The Publisher.—British journal of dermatology. May to Dec. 1896.

P. Cudmore, B.H.—The battle of Clontarf and other poems.—Autobiography. 1896.

Axel Staggemeier.—Le millionieme de la surface terrestre. 1896.

Chicago Academy of Science.—Thirty-eighth annual report.—Bulletin. II. 2.

James W. Allan, M.B.—Intestinal perforation in enteric fever. 1896.

Mr. Uriel H. Crocker.—The cause of hard times. 1896.

Mr. James L. Galbraith.—Ewing, Jackanapes and other tales.

Donald Currie & Co.—Pennell, Tantallon castle: the story of the castle and the ship. 1895.

Isaac Roberts, D.Sc., F.R.S.—Selection of photographs of stars, star-clusters and nebulae. 1893.

H. Grattan Guinness, D.D.—Creation centred in Christ. 2 vols. 1896.

Director de Correos y Telegrafos, Argentina.—Jurisprudencia postal y telegrafica. VII., VIII.

The Canadian Institute.—Transactions. Nos. 8, 9.

Mr. Arthur Wollaston Hutton.—The vaccination question. 1895.

Library of the India Office.—Catalogue of the Sanskrit MSS. Part. V.—Library catalogue. I. Supplement. 1895.

Library of the Calcutta Sanskrit College. Descriptive catalogue of Sanskrit MSS. No. 5.

Dr. J. O. Mitchell.—Notes on some of the portraits in the Old Glasgow Exhibition of 1894.

Dr. James Burgess, C.I.E.—Geographical place names. 1895.

Direction Génerale de Statistique Municipale, Buenos-Ayres.—Annuaire státistique. 1895.

Mrs. Charlotte Carmichael Stopes.—The earliest official record of Shakespeare's name.

General Conference of the New Church.—New Church magazine. XV.

Rev. Charles H. Pope.—The Gospels combined in one continuous narrative. 1895.

Mr. A. D. Weld French.—County records of the surname of French in England. 1896.

Messrs. Hachette & Co.—Coppée, Pour la couronne.

Republica Oriental del Uruguay.—Comercio exterior y movimiento de navegacion. 1895.—Anuario estadistico. 1895.

Department of State, U.S.A.—Transactions of the Pan-American Medical Congress. 1895.

Congregational Union of Scotland.—Scottish Congregational year book, 1896-97.

Increased Armaments Protest Committee.—Empire, trade and armaments, an exposure.

Prof. R. J. Anderson, M.D.—Influence, intellectual and moral. 1896.—The elephants and the whales and dolphins: zoological mnemonics. 2 vols. 1895-96.

Prof. George A. Gibson.—Review of Cantor's Geschichte der Mathematik. III.

George C. Keidel, Ph.D.—A manual of Aesopic fable literature. I.

Sir John Stirling Maxwell, Bart., and Mr. Stirling of Keir.—Nine works privately printed for the late Sir William Stirling Maxwell, viz.: Arabesque and other ornaments in typographical use in Zurich in 1559.—Examples of the engraved portraiture of the sixteenth century.—Six anatomical tables of Andrew Vesalius.—Antwerp delivered in 1577: a passage from the history of the Netherlands.—Examples of the ornamental heraldry of the 16th century.—Chief victories of the Emperor Charles V., designed by Heemskerck.—The entry of Charles V. into Bologna.—Solyman the Magnficent going to mosque.—Maxwell, Don John of Austria. 2 vols. Folio edition.

Governor of Bombay.—Peterson, Fifth report of operations in search of Sanskrit MSS.—Report of the Archaeological Survey, 1894-95.

Robert Broom, M.D.—Relations of the organ Jacobson in the horse. 1896.—Report on a bone breccia deposit near the Wombeyan caves, N.S.W.

Rev. Charles Voysey, B.A.—Testimony of the Four Gospels concerning Christ. 1896.—Theism as a science. 1895.

Ministero di Agricoltura, Industria e Commercio, Italia.—Statistica delle biblioteche. 1896.

Brig.-Surg.-Lieut.-Col. William Johnston, M.D.—Bibliography and portraits of Arthur Johnston. 1896.—Description of the armorial bearings, portraits, etc., in the Mitchell Hall, Marischal College, Aberdeen.

Mrs. Charlotte Kogelmann.—Kogelmann, Isolirung der Substanz des latenten photographischen Bildes. 1894.

Horatio R. Storer, M.D.—Memorials of Edward Jenner. 1896.

Australasian Association for the Advancement of Science.—Report of the sixth meeting. 1895.

Mr. T. N. Whitelaw.—On a constant standard of value. 1896.

R. Universita di Padova.—Onoranze centenarie a Galileo Galilei. Discorso dal Rettore. 1892.

The Marquess of Lothian.—The genus masdevallia. Parts 7, 8 and 9.

University of Chicago.—Contributions to philosophy. Nos. 1, 2.

Mr. James Paton, F.L.S.—Introductory address to meeting of Museums Association. 1896.

Mr. Max Ferrand.—Legislation for the government of the territories of the United States. 1896.

Rev. William Campbell.—The articles of Christian instruction in Favorlang-Formosan. 1896.—The sacred edict, adapted for blind readers of the Amoy-Chinese vernacular. 1896.—Embossed reading book for blind readers of Amoy-Chinese. 1896.—Past and future of Formosa. 1896.

Delegates of the Oxford University Press.—Smith, Lectures on justice, police, etc. 1896.

Representatives of the late Rev. A. Gardner.—Two hundred and ninety-eight volumes chiefly relating to theological literature.

The Home Secretary.—Experiments on living animals. Return for 1895.

Thomas Barr, M.D.—Manual of diseases of the ear. 1896.

Rev. David Macrae.—George Gilfillan, anecdotes and reminiscences. 1891.

Mr. John Colinson. What it costs to be vaccinated. 1896.

Ronald M. Burrows, M.A.—Pylos and Sphacteria. 1896.—Pylos and Sphacteria: a reply to Mr. Grundy. 1897.—Les études classiques en Angleterre.

Sig. Ulrico Hoepli, Milan.—Catalogo delle edizioni Hoepli. 1872-96.

Drexel Institute of Art and Science, Philad.—Dedication ceremonies. Dec. 17, 1891.—Service in memory of Anthony J. Drexel. 1896.

Collegiate Church, New York.—Bicentenary of the charter of the church. 1896.

The Editors.—British Guiana medical annual. 1896.

Dr. Collongues, Vichy.—Le livre des maladies à Vichy. And 33 other pamphlets.

Chartered Accountants of Scotland.—Official directory. 1896.

New York Institution for the Deaf and Dumb.—Proceedings of the World's Congress of the deaf. 1893.

Duc de Loubat, Paris.—Codice Messicano Vaticano.—No. 3773. With preface. 1896. Troncoso, The manuscripts of Anahuac. In Spanish and English. 1896.

L'Universite de Geneve.—Catalogue des ouvrages publies par les professeurs. 1896.

Les Curateurs de l'Université de Leyde.—Serrurier, Catalogue raisonné des livres japonais. 1896.

Dr. Walker Downie.—Aprosexia, convulsions and adenitis. And 14 other medical pamphlets.

William Adams, F.R.C.S.—Club foot. 2nd edition.—Curvature of the spine. 2nd edition. Contractions of the fingers. 2nd edition.—Reparative process in tendons.—Treatment of deformities. 1893.—Congenital displacement of the hip joint. 1895.—Subcutaneous surgery.—Infantile paralysis. And 8 other medical pamphlets.

A. W. Rücker, F.R.S.—A magnetic survey of the British Isles. 1896.

Federated Institution of Mining Engineers.—Report of conference on inland navigation. 1895.

Rev. Thomas Warren.—Baron de Warren of Corduff. 1896.

Mr. Charles Ellis.—Shakespeare's sonnets and the Bible. 1896.

Dr. Mace.—Le Latin appris par l'usage. 1895.—L'institutrice latine. 1896.

Edward Waldo Emerson, M.D. A history of the gift of painless surgery. 1896.

Exhibition Trustees, Melbourne.—Handbook to the Aquarium, Museum, etc. 1896.

Mr. Francis T. Barrett.—On the selection of books for a reference library. 1896.

The Baird Trust.—The Baird lecture. 1895 and 1896.

Rev. James Primrose.—The mother Anti-Burgher church in Glasgow. 1896.

R. S. Aitchison, M.D. Effects of diet on excretion by the kidney. 1896.

Messrs. MacLehose & Sons. Clerk, Theory of the gas engine. 1891.

Queensland Branch of the Geographical Society of Australasia.—Proceedings and transactions.

Government of North-West Provinces and Oudh.—Report of archaeological survey for 1895-96.

Dean of Guild, Glasgow.—The Merchants' House, 1896-97.

Council of the Institute of Accountants.—The accountants magazine. No. 1.

Bombay University.—Apte, The doctrine of Ma'ya'. 1896.

National Liberal Club, London.—Rules and list of members. 1896.

David Fraser Harris, M.B.—Caroline Park house and Roystoun castle. 1896.

M. Charles Honoré.—Loi du rayonnement solaire. 1896.

Australasian Library Conference.—Account of the proceedings. 1896.—Catalogue of the loan exhibition. 1896.

Professor George Adam Smith, D.D.—Historical geography of the Holy Land. 4th edition.

Mr. Alexander Agassiz.—Report of Harvard Museum of Comparative Zoology, 1895-96.

Volta Bureau, Washington.—Bell. English visible speech.—Reports of schools for the deaf. 1895.

Norwegian North Atlantic Expedition.—General report. Zoology. XXIII.

Stirling's and Glasgow Public Library.—Catalogue of books added from 1888 to 1896.

Mr. George MacCrie.—Diodori Siculi Bibliotheca historica. 1559.

John C. Willis, M.A. Manual and dictionary of flowering plants and ferns. 2 vols. 1897.

The Royal Society.—Carte géologique de l'Europe. Liv. 2.

Brown University, U.S.—Address book of living graduates. 1896.—Annual report of the President, 1895-96.

Iowa Geological Survey.—Annual report, 1895.

Trustees of Princeton University, U.S.—Medal struck in commemoration of the change from a College to a University.

DIVINITY HALL LIBRARY.

This Library is set apart for the special use of students in Divinity. It contains an extensive collection of Theological works. It is supported chiefly by an annual grant from the University Court of Seven Shillings for each student attending the Divinity classes.

The Librarian is elected annually by the students attending the Hall.

HUNTERIAN MUSEUM.

This Museum was founded by the eminent William Hunter, M.D., who was born in 1718, at Cantieswell or at Long Calderwood, in the Parish of East Kilbride, Lanarkshire. By his will, dated 1783, he bequeathed to the Principal and Professors of the College, and their successors in office, his valuable collection of books, manuscripts, coins, paintings, anatomical preparations, zoological and mineral specimens, and archaeological relics, and appropriated £8,000 for the erection of a building for their reception and preservation.

The building erected in 1804 became the property of the Union Railway Company, as explained at page 28. But accommodation has been provided for the collections in the new buildings at Gilmorehill. The Museum occupies the north side of the eastern quadrangle, and consists of two halls, the upper of which is galleried.

The Hunterian Museum is under the immediate superintendence of the Museums Committee, consisting of two members of the University or others, not being members of Senate, appointed by the University Court, and of four members of Senate, appointed by the Senate. All reports by this Committee are, in the first instance, received by the Senate, and the Senate has power, subject to the review of the University Court, to confirm, modify, or reject the recommendations in such reports. The Keeper of the Museum, by present custom the Professor of Natural History, is appointed by the Trustees, who, in terms of Dr. Hunter's will, are the Principal and Professors of the College. Keeper--Professor John Young, M.D.; Under-Keeper, John Young, LL.D.; Assistant-Librarian, Alexander Murdoch; Under-Keeper in Pathological Department, J. H. Teacher, M.B., C.M.

Visitors desirous of consulting in the Museum should, if possible, arrange to come between 2 and 4 P.M. Numismatists desirous of consulting the cabinet of medals should communicate with the Keeper a few days before the date of their proposed visit.

The Museum is now open to the public from 11 to 3 in winter, 11 to 4 in summer; admission sixpence. Catalogues of the Library, Medals, and Minerals are in course of preparation.

The revenue derived from the admission fee has been hitherto the only fund available for the maintenance and extension of the collection. Donors of specimens are entitled to free admission. Each matriculated student has the privilege of introducing two friends three times during the session.

Donations to Museum 1896-97.

The following donors have contributed to the Museum during the past year:—

ZOOLOGICAL DEPARTMENT.—10 skins of birds for stuffing, Mrs. H. Blackburn, Roshven; 3 species of snakes, South Africa, Mr. Thomas Ward, sen.; meadow pipit and young phalanger, Mr. John Mackay, The Museum; bullfinch, var., Mr. Duncan Macmillan; Crustacean from Indian seas, Mr. Thomas Ward, jun.; North Carolina insects, Miss Galloway, Queen Margaret College; specimens of natural history from Mr. M'Kichan, Mambeg, Gareloch, Mr. J. Wilson, and other students.

GEOLOGICAL DEPARTMENT.—Fossil from Tulloch Quarry and Lias nodule with fossil cone from Eathie burn, W. Mackenzie, procurator-fiscal, Dingwall; Silurian crustacean on small slab of shale, Mr. J. Young, Lesmahagow; pumice and rock specimens, Mr. John Smith, Kilwinning; druse of crystalline quartz, with impressions of calcite crystals, from whinstone quarry, Bridge of Weir, Mr. George Barlass; aluminite from Chili and carbon coke from East Plean Colliery, Wm. C. Anderson, B.Sc.; specimens of cyanite, Mr. James Buie, jun., Portsoy, Banff.

ETHNOLOGICAL DEPARTMENT.—Nine carved articles in wood, stone, and other mineral substances, Miss Brown, Lanfine, Ayrshire; seven female ornaments, West Africa, Miss Ramsay, The University, Glasgow; flint arrowhead and disc of quartzite, Culbinsands, Forres, J. E. Cruickshank; flint arrowhead, Antrim, Ireland, Professor James Robertson, D.D.; disc of cannel coal, partly cut, found along with others in field, Whiting Bay, Arran, by Miss M'Neish.

LIBRARY AND NUMISMATIC DEPARTMENT.—Portrait of Faraday, given by T. Graham Young, Esq.; portrait of Professor Francis Hutcheson, given by Captain Hope, R.N., St. Mary's Isle, Kirkcudbright; Reform badge, given by Mr. Crawford, son of the medallist; James Stevenson, Esq., Hailie, Largs, by a gift of £1600, has provided for the publication of an illustrated catalogue of the coins included in Combe's *Catalogus Nummorum Urbium et Gentium*, but the list extended so as to include the Colonial Imperial Coins represented in the Cabinet.

The most important addition during recent years has been the collection of the late F. A. Eck, Esq., formerly of Hollybush. During a long residence in South America, and afterwards while resident in Britain, Mr. Eck formed a splendid collection of minerals, numbering in all over 3,000 specimens. The minerals of Peru, Chili, Guatemala, New Grenada, Mexico, and California, are richly illustrated, while the European series of over 1,200 specimens is also representative. There are besides a fine series of polished precious stones, and also specimens of the old Mexican and Peruvian Pottery, and of modern carved work. This splendid gift, augmented in 1896 by a further addition of 150 precious stones from Miss Eck—along with the handsome cabinets in which the specimens are contained—the largest since the late Miss Brown of Lanfine presented, in 1875, one half of her late father's mineral collection, is due to the generosity of Mr. Eck's family, who have enjoined that the collection be kept apart and used, so far as possible, to aid the teaching of Mineralogy. Miss Brown, in 1896, presented a further series of polished amethyst, marble, jade, and enamel cups and tesserae. In February, 1888, the Council of the West of Scotland Technical College made over to the Hunterian Museum the Zoological and Ethnological collection of the Andersonian University, later known as Anderson's College, and now merged in the Technical College, the Council requiring the space for illustrations of the lectures given under their direction. The collections, which are of very great value and extent, were largely due to the generosity of the naturalists and merchants of Glasgow, to whom the Hunterian Museum is also under great obligations.

BOTANIC GARDEN.

A piece of ground adjoining the old College was for many years set apart as a Botanic Garden, for the use of the Lecturer on Botany; but the great increase of manufactories and other buildings in its vicinity having rendered it unfit for such a purpose, the University, in 1817, agreed to subscribe £2,000 towards the formation of a new Botanic Garden then projected by the citizens of Glasgow, on condition that a Lecture-Room should be erected within it for the exclusive use of the Professor of Botany and his pupils—that every facility should be given them in prosecuting the study of Botany—and that three Directors of the Institution should be annually appointed by the Faculty of the College, to represent and protect the interests of the University. The Garden to which this agreement referred was completed and opened to the public in 1819. A

Lecture-Room, in which the Professor of Botany delivered an annual course of Lectures during the summer months, was built; and the collection of plants, from the zeal and ability of the Superintendent, and the favourable situation of Glasgow, had become one of the richest and most valuable in the island. The extension of the town again compelled the removal of the Garden to its present site in Hillhead, at a greater distance from the old College, so that the Professor, while he continued to give in it the practical portions of the course (*Demonstrations*), found it more convenient to deliver his Lectures at the College. The removal of the College to Gilmorehill brought it nearer the Botanic Garden, but the Lecture-Room in the Garden being inadequate for the students attending the course of Elementary Lectures on Botany, and there being no Laboratory, Museum, or Herbarium-Room in the Garden, the Professor has continued to deliver his Lectures and to have his Laboratory at the University. Arrangements are in progress for the erection of suitable buildings at Gilmorehill.

VIII.—GRADUATION IN THE SEVERAL FACULTIES.

EXAMINERS.

Preliminary Examinations in Arts, Science, and Medicine.

The University Court of each University annually appoints as Examiners such number of Professors or Lecturers in the Faculty of Arts in that University, and such additional Examiners as may be deemed necessary. The Preliminary Examinations in Arts, Science, and Medicine are conducted by these Examiners, under the control and supervision of a Joint-Board appointed in January of each year by the several University Courts from among the Examiners, according to a scheme of rotation prescribed in Ordinance No. 13, Section IV., as supplemented by Ordinance No. 43, Section I. The Joint-Board holds office from the first day of February to the thirty-first day of January in the succeeding year, and sits at each University in rotation in the following order:—Edinburgh (1897-8), Glasgow (1898-9), Aberdeen (1899-1900), St. Andrews (1900-1). It consists of eight Professors or Lecturers and eight additional Examiners, two Professors or Lecturers and two additional Examiners being appointed by the University Court of each University, according to the scheme printed on p. 149. In the case of a candidate at a Preliminary Examination who is permitted to offer himself for examination in any language not included in the Preliminary Examination, each University makes special arrangements for the examination of its own candidates.

Degrees in Arts.

The Examiners for Degrees in Arts are the Professors whose subjects qualify for Graduation in Arts, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Science.

The Examiners for Degrees in Science are the Professors whose subjects qualify for Graduation in Science, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary.

Degrees in Medicine.

The Examiners for Graduation in Medicine are the Professors whose subjects qualify for Graduation in Medicine, together with such Lecturers in the University and such additional Examiners appointed by the University Court as the University Court may deem necessary, such provision being made as will ensure that every candidate shall be examined in each subject by at least two Examiners, one of whom shall not be a Professor or Lecturer in the University.

Degrees in Law.

The Examiners for the Degree of Bachelor of Laws are the Professors of or Lecturers on the subjects included in the examinations for the said degree, and additional Examiners appointed by the University Court.

The Examiners for the Degree of Bachelor of Law are the Professors of or Lecturers on the subjects included in the examinations for the said degree, and additional Examiners appointed by the University Court.

Degrees in Divinity.

The Examiners for the Degree of Bachelor of Divinity are the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court.

No person is eligible for appointment to the office of additional Examiner, whether for Preliminary Examination or for Degrees in Arts, Science, or Medicine, who is a Professor, Lecturer, or University Assistant or Demonstrator in any Scottish University, and

University.	1893, and every Fourth Year thereafter (1897).	1894, and every Fourth Year thereafter (1898).	1895, and every Fourth Year thereafter (1899).	1896, and every Fourth Year thereafter (1900).
St. Andrews, . .	English (Professor).	English (Professor).	English (Additional Examiner).	English (Additional Examiner).
	Classics (Additional Examiner).	Classics (Professor).	Classics (Professor).	Classics (Additional Examiner).
	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).
	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).
Glasgow, . . .	English (Additional Examiner).	English (Professor).	English (Professor).	English (Additional Examiner).
	Classics (Additional Examiner).	Classics (Additional Examiner).	Classics (Professor).	Classics (Professor).
	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).
	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner)
Aberdeen, . . .	English (Additional Examiner).	English (Additional Examiner).	English (Professor).	English (Professor).
	Classics (Professor).	Classics (Additional Examiner).	Classics (Additional Examiner).	Classics (Professor).
	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Additional Examiner).
	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).	Modern Languages (Additional Examiner).
Edinburgh, . .	English (Professor).	English (Additional Examiner).	English (Additional Examiner).	English (Professor).
	Classics (Professor).	Classics (Professor).	Classics (Additional Examiner).	Classics (Additional Examiner).
	Mathematics and Dynamics (Additional Examiner).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Professor).	Mathematics and Dynamics (Additional Examiner).
	Modern Languages (Additional Examiner).	Modern Languages (Additional Examiner).	Modern Languages (Professor or Lecturer).	Modern Languages (Professor or Lecturer).

the appointment of any additional Examiner during the currency of his term of office to a Professorship, Lectureship, or to the office of University Assistant or Demonstrator in any Scottish University is held to vacate his office of Examiner. The periods of appointment of additional Examiners are so adjusted as to secure that all the Examiners shall not vacate their office at the same time; but no Examiner can be appointed for a longer period than four years, and no person who has held the office of Examiner for a period of three or four years is eligible for reappointment to the office of Examiner in the same University until he has ceased to hold the office of Examiner in such University for not less than one year.

In the event of a vacancy in the office of a member of the Joint-Board, or of an Examiner or additional Examiner in Arts, Science, or Medicine, occurring otherwise than by expiration of his term of office, the person appointed in his room is appointed for the remainder of such term only.

REGULATIONS FOR GRANTING DEGREES.

I. GRADUATION IN ARTS.

Regulations applicable to all who have entered on their Academical Course since 1st October, 1892.

The conditions on which the Degree of Master of Arts is now conferred are regulated by Ordinances No. 11,[1] No. 44, and No. 148 of the Universities Commission (1889), the principal provisions of which are the following:—

I. The Academical year in each University shall commence on the first day of October. The classes shall meet for the winter session (which shall include not less than twenty teaching weeks) on such day thereafter as the Senatus of each University shall determine; and shall close not later than the tenth day of the following April.

The University Court of each University shall institute a summer session in such of the subjects or branches of subjects qualifying for graduation in Arts as may be determined by the said Court after consultation with the Senatus. Such session shall commence on such day as the Senatus of each University shall determine, and shall include ten teaching weeks at least. The classes shall be conducted by the Professors, or by Lecturers appointed under Ordinance No. 17 (Regulations as to Assistants and Lecturers).

II. The Curriculum for the Degree of Master of Arts (M.A.) shall extend over not less than three winter sessions, or two winter sessions and three summer sessions.

---

[1] This ordinance was printed in full in the *University Calendar* for 1892-93, pp. 477-485, and the modifications made by Ordinance No. 44 were inserted in italics in the *University Calendar* for 1894-95.

PRELIMINARY EXAMINATION.[1]

III. (1) Before entering on the Curriculum (subject to the proviso contained in Section IV., Sub-section 1) each student shall pass a Preliminary Examination in the following subjects:—

1. English.
2. Latin or Greek.
3. Mathematics.
4. One of the following:—Latin or Greek (if not already taken), French, German, Italian (or such other language as the Senatus Academicus may approve), Dynamics.

(2) The examination must be passed in the matters and on the standards hereinafter defined; but there shall be a higher and a lower standard in Latin and in Greek, and a higher, an intermediate, and a lower standard in Mathematics.

Candidates must pass on the higher standard in at least one of these three subjects, and may pass on the lower standard in either or both of the remaining two; subject always to the conditions relative to attendance contained in Section IV. hereof.

(3) English shall include Grammar and Composition, and the outlines of Geography and British History, and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

In the case of a foreign student, whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint-Board of Examiners may deem sufficient.

The Joint-Board has issued the following directions showing the character of the papers to be set in English:—

English will include (*a*) Grammar, (*b*) Composition, (*c*) Literature, (*d*) History, and (*e*) Geography.

(*a*) Grammar will include Analysis, Parsing, Derivation, and Correction of Sentences.

(*b*) Composition will include an Essay and Paraphrasing.

(*c*) Literature, in and after April, 1897, will comprise a knowledge of certain prescribed books of two or three writers. Questions requiring a general knowledge of the life and works of the greater writers will not be set; but one or two questions may be set, giving an opportunity to candidates who have read widely in English Literature to show their knowledge. For 1897, the prescribed books will be - Shakespeare, *Coriolanus*; Scott, *Quentin Durward*; Tennyson, *The Princess* and *Enoch Arden*; Macaulay, *Lord Clive*. And for 1898, Shakespeare, *The Tempest*; Scott, *Heart of Midlothian*; Milton, *L'Allegro*, *Il Penseroso*, *Arcades*, *Comus*, *Lycidas*; Addison, *Selections from the Spectator* (Macmillan, ed. Deighton).

(*d*) History will include a knowledge of one of the three following periods to be taken in successive years in the order herein mentioned, namely:—The outlines of the History of both England and Scotland from 1603 to the Union of the Parliaments in 1707 (for April and October, 1897); from the Union of the Parliaments in 1707 to the Reform Bill of 1832 (for April and October, 1898); from the Roman Occupation to 1603 (for April and October, 1899).

(*e*) Geography will include a general knowledge of the Geography of the World, and a special knowledge of the Geography of the British Empire.

(4) Latin and Greek shall comprise grammatical questions, translation into English from Latin or Greek authors not previously prescribed, and

---

[1] Supplementary Regulations issued by the Joint Board on 30th January, 1897, have been inserted in smaller type at the points in the ordinances to which they refer.

translation of plain passages or easy sentences from English into Latin or Greek. The higher standard shall not be lower than that presently adopted in the examination for a Curriculum of three sessions, or for the Higher Grade Leaving Certificate of the Scotch Education Department, and the lower standard shall not be lower than that presently adopted for the Lower Grade Leaving Certificate of the said Department.

The Latin examination on the higher standard will be—Translation, Prose Composition, Grammar, and Sentences.

The Greek examination on the higher standard will be—Translation, Sentences, and Grammar.

The passages for translation both from Greek and Latin will include Prose and Verse.

The Latin examination on the lower standard will be—Translation and Parsing, Prose Composition, Grammar, and Sentences.

The Greek examination on the lower standard will be—Translation, Sentences, and Grammar.

In the Latin and the Greek papers both on the higher and lower standards, candidates are required to satisfy the Examiners both in Composition and in Translation.

Candidates who, having taken in Latin or Greek the examination on the higher standard, have failed to pass on that standard, but have obtained a percentage of marks equivalent to a pass on the lower standard, may be held by the Board to have passed the examination on the lower standard.

(5) French, German, and Italian shall comprise grammatical, literary, and easy philological questions, translation into English from French, German, or Italian authors not previously prescribed, and translation from English into French, German, or Italian; and the standard shall not be lower than that presently adopted for the Higher Grade Leaving Certificate of the Scotch Education Department.

For the examination in French and German—

Two papers will be set, both in French and German—an hour and a half being allowed for the first paper, and two hours for the second; the first paper will contain a passage for translation from English into French or German, with some short sentences of an idiomatic character; the second paper will contain a set of grammatical questions, two passages for translation into English (one in verse, one in prose), and a selection of literary, philological, or historical questions, from which the candidate will be allowed to choose *one only*.

The questions on Literature will be confined, year by year, to certain groups of authors, as in the following scheme, viz.:

FRENCH. (i.) In October, 1897 (18th century)—Regnard, Lesage, Massillon, Saint Simon, Voltaire, Montesquieu, Vauvenargues, Marivaux, Jean Jacques Rousseau, Diderot, Buffon, Beaumarchais, Bernardin St. Pierre, Mirabeau. (ii.) In April and October, 1898 (19th century)—Chateaubriand, Madame de Stael, Lamartine, Victor Hugo, Alfred de Musset, Alexandre Dumas, George Sand, Balzac, Prosper Merimee, Guizot, Thiers, Mignet, Michelet, About. (iii.) In April and October, 1899 (17th century)—Pascal, Descartes, Corneille, Racine, Moliere, Boileau, La Fontaine, Madame de Sevigne, Bossuet, Fenelon, La Rochefoucauld, La Bruyère.

GERMAN. (i.) In October, 1897—Goethe, Schiller, Klinger, Lenz, Schubert, Arndt, Korner, Ruckert. (ii.) In April and October, 1898—Jean Paul, the Schlegels, Novalis, Tieck, Arnim, Brentano, Grillparzer, Heine, Uhland. (iii.) In April and October, 1899—Klopstock, Wieland, Lessing, Herder, Burger, Voss, Friedrich Leopold Stolberg, Hölty, Leisewitz.

(6) Mathematics on the lower standard shall comprise—(*a*) Arithmetic, including Vulgar and Decimal Fractions, Proportion, Percentage, Square Root, Simple Interest; (*b*) Algebra, including Fractions, Factors, Square Root, Equations of the First Degree, Simultaneous Equations of the First Degree, Easy Quadratic Equations, Problems leading to the above

Equations; (*c*) Geometry: Euclid, Books I., II., and III. (or their equivalents), with easy deductions. Demonstrations other than Euclid's will be accepted if they assume no propositions which in Euclid's order are subsequent to the proposition under consideration.

(7) Mathematics on the intermediate standard shall include the following, in addition to the subjects included in the lower standard, viz.:—(*a*) Euclid: Book VI., Propositions 1-19, or Geometry equivalent thereto. (*b*) Algebra: Quadratic Equations, Ratio and Proportion. (*c*) The Trigonometry of Right-angled Triangles.

(8) Mathematics on the higher standard shall, in addition to what is included in the lower standard, comprise Euclid, Books IV., VI., and the first twenty-one propositions of Book XI. (or their equivalents), with Deductions, Quadratic Equations, Trigonometry to the Solution of Triangles inclusive, and the use of Logarithmic Tables.

In the examination in Mathematics on the higher, the intermediate, and the lower standards each question in Geometry will consist of two parts, of which one will be an easy deduction or illustrative exercise on the proposition set as bookwork.

The papers in Mathematics on the higher standard and on the intermediate standard will be devoted to the various subjects comprised in them as nearly as possible in the following proportions: two-fifths to Geometry, two-fifths to Algebra (including Arithmetic, if thought desirable), and one-fifth to Trigonometry.

Candidates for the higher standard may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

The pass-mark for candidates on the intermediate standard is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the intermediate standard; but such candidates will receive credit for any question they may answer.

The paper in Mathematics on the lower standard will be devoted to the various subjects comprised in as nearly as possible the following proportions: four-ninths to Geometry, three-ninths to Algebra, and two-ninths to Arithmetic.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each subject; but the Examiners will be entitled to reject a candidate who makes in any subject less than a certain minimum of the marks allotted to that subject.

(9) Dynamics shall mean the Elementary Statics and Kinetics of Solids, Liquids, and Gases.

The paper on Dynamics will be directed to test the candidate's knowledge of the fundamental principles of the subjects included in it. As far as possible each question will consist of two parts, one of which will be a numerical or other simple illustrative example of the principle with which the other part of the question deals. About one-seventh of the paper will be devoted to Kinematics, and the remainder of the paper will be assigned to Kinetics, Statics, and Hydrostatics in as nearly as possible equal proportions.

Candidates may obtain full marks by doing correctly about two-thirds of the questions set in each section of the paper.

Dynamics shall include the following:—(*a*) *Kinematics.* Displacements, velocities and accelerations of a moving point, with their compositions and resolutions. Translation of a rigid body. Relative velocity of two moving points. (*b*) *Kinetics.* The laws of motion. Momentum, force, energy, work—their measures in the British and C.G.S. systems of units. Change of units. Rectilinear motion of a particle under the action of constant forces. Free motion of a body under gravity, including projectiles. Atwood's machine. Impulsive forces. Direct impact of smooth spheres. (*c*) *Statics.* Composition and resolution of co-planar forces. Theory of co-planar couples. Conditions of equilibrium of forces in one plane. Centre of mass. Friction. Machines. Application of the principle of work to machines. (*d*) *Hydrostatics.* Definitions of *solid*, *fluid*, *liquid*, *gas*. Viscosity. Measure of the pressure at a point of fluid. Law of equable transmission of pressure. Laws of variation of pressure in heavy liquids. Resultant pressure of a heavy liquid on a plane surface, including the centre of pressure of a plane surface. Principle of Archimedes. Experimental determination of the densities of solids, liquids, and gases. Atmospheric pressure. The barometer. Boyle's Law. The siphon, pumps for liquids, air pumps, and the diving-bell.

Questions may be set which involve the Trigonometry of Right-angled Triangles.

(10) A candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may *offer himself for re-examination* as often as may be necessary *to satisfy this condition.*[1]

IV. (1) Attendance on any class shall not qualify for graduation, unless the whole Preliminary Examination has been previously passed. *Any student who has passed in Latin, Greek, or Mathematics on the higher standard may attend a qualifying class in such subject or subjects without having passed in the other subjects of the examination, provided always that* (a) *no candidate shall be allowed to present himself for examination in any subject qualifying for graduation until he has passed the whole Preliminary Examination; and* (b) *no student shall be admitted to a degree in Arts unless he has attended qualifying classes in the University granting the degree, or in another Scottish University, as provided by Section XXV. hereof, for three academic years after he has completed his Preliminary Examination.*[1]

(2) Attendance on a class in any language included in the Preliminary Examination shall not qualify for graduation, unless the candidate, before entering the class, has passed the Preliminary Examination in that subject, and on the higher standard where a double standard is provided. He may, for that purpose, attend any Preliminary Examination held during the course of his study, taking only the paper set in that subject; provided always that the provisions of the sub-section immediately preceding shall have been satisfied.

(3) Attendance on a class in any language not included in the Preliminary Examination shall not qualify for graduation, unless the candidate has previously passed an examination in that language on a standard as nearly as possible equivalent to the higher standard of the languages included in the Preliminary Examination.

(4) Attendance on a class of Mathematics or Natural Philosophy shall not qualify for graduation unless the candidate, before entering the class, has passed in Mathematics on the higher standard or on the intermediate standard.

V. (1) The Preliminary Examination shall be held at each University twice in each year, under such regulations as the Senatus, with the approval of the University Court, shall from time to time determine, and shall be conducted in writing.[2]

(2) The Joint-Board of Examiners to be appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power

---

[1] The words in italics are taken from a supplementary Ordinance No. 44, which was approved by Her Majesty in Council on 28th May, 1894, and came into force on 1st October, 1894. The ordinance provides that the alterations on Sections III. (10) and IV. (1) shall be held to have come into force on 1st October, 1892.

[2] For dates of Preliminary Examinations see Table on page 155.

TABLE OF PRELIMINARY EXAMINATIONS FOR DEGREES IN ARTS, SCIENCE, AND MEDICINE TO BE HELD DURING SESSION 1897-98.

I. ARTS AND SCIENCE.

Fee.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.	Subject.	Dates of Examinations and Hours at which the various Papers will be set.	
10s. 6d. 10s. 6d.	9th September or 7th March.	Italian, - -	Friday, 24th September, 2 to 5 p.m.	Friday, 25th March, 2 to 5 p.m.
		English, - -	Saturday, 25th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Saturday, 26th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		Lower Greek, -	Saturday, 25th September, 3 to 6 p.m.	Saturday, 26th March, 3 to 6 p.m.
		Lower Latin, -	Monday, 27th September, 9 a.m. to 12 noon	Monday, 28th March, 9 a.m. to 12 noon.
		Lower Mathematics	Monday, 27th September, 2 to 5 p.m.	Monday, 28th March, 2 to 5 p.m.
		Higher Latin, -	Tuesday, 28th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Tuesday, 29th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (1st Paper),	Tuesday, 28th September, 3 to 4.30 p.m.	Tuesday, 29th March, 3 to 4.30 p.m.
		Higher Greek, -	Wednesday, 29th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Wednesday, 30th March, 9 to 11 a.m., and 12 noon to 2 p.m.
		German (1st Paper),	Wednesday, 29th September, 3 to 4.30 p.m.	Wednesday, 30th March, 3 to 4.30 p.m.
		Intermediate and Higher Math., -	Thursday, 30th September, 9 to 11 a.m., and 12 noon to 2 p.m.	Thursday, 31st March, 9 to 11 a.m., and 12 noon to 2 p.m.
		French (2nd Paper),	Thursday, 30th September, 3 to 5 p.m.	Thursday, 31st March, 3 to 5 p.m.
		German (2nd Paper),	Friday, 1st October, 9 to 11 a.m.	Friday, 1st April, 9 to 11 a.m.
		Dynamics, - -	Friday, 1st October, 1 to 4 p.m.	Friday, 1st April, 1 to 4 p.m.

II. MEDICINE.

10s. 6d. 10s. 6d.	9th September or 7th March.	English, - -	Saturday, 25th September, 9 a.m. to 12 noon.	Saturday, 26th March, 9 a.m. to 12 noon.
		Greek, - - -	Saturday, 25th September, 3 to 6 p.m.	Saturday, 26th March, 3 to 6 p.m.
		Latin, - - -	Monday, 27th September, 9 a.m. to 12 noon.	Monday, 28th March, 9 a.m. to 12 noon.
		Mathematics, -	Monday, 27th September, 2 to 5 p.m.	Monday, 28th March, 2 to 5 p.m.
		French, - -	Tuesday, 28th September, 3 to 6 p.m.	Tuesday, 29th March, 3 to 6 p.m.
		German, - -	Wednesday, 29th September, 3 to 6 p.m.	Wednesday, 30th March, 3 to 6 p.m.

to accept the Higher Grade Leaving Certificate of the Scotch Education Department in any subject as an equivalent for the Preliminary Examination in that subject; and to accept the Lower Grade Leaving Certificate of the said Department as an equivalent for the Preliminary Examination on the lower standard in Latin, Greek, and Mathematics; provided they are satisfied that the standard of the examination, at which the said certificates were granted, is not lower than that required by this ordinance.

Under this sub-section the Joint-Board of Examiners has resolved as follows:—For the Preliminary Examination in Arts and Science the Higher and Honours Grade Leaving Certificates of the Scotch Education Department in Latin, Greek, and Mathematics will be accepted as equivalent to the higher standard in each of these subjects, as prescribed by the Arts Ordinance, and the Lower Grade Certificate to the lower standard; the Higher and Honours Grade Leaving Certificate in English and Modern Languages will be accepted as equivalent to the standard prescribed for each of these subjects by the Arts Ordinance.

After September, 1898, the following regulations will apply to the Leaving Certificate Examination:—

(*a*) The provisions of Ordinance No. 44, section III. (see page 154), shall be applied in accepting the Leaving Certificate as an equivalent for the Preliminary Examination, viz.:—"A candidate shall be obliged to pass in all the required subjects at one or not more than two examinations; provided that he may offer himself for re-examination as often as may be necessary to satisfy this condition."

(*b*) If a candidate claim partial exemption from the Preliminary Examination, on the ground of having passed in certain subjects in the Leaving Certificate Examination, he shall not be allowed to reckon as *pro tanto* the certificates gained at more than one Leaving Certificate Examination, and he must complete the whole examination at one Preliminary, provided that he may repeat that examination as often as may be necessary, being examined on each occasion in all the subjects in which he failed, and which he did not profess in his Leaving Certificate Examination.

(3) The Joint-Board of Examiners shall have power to determine what examinations, if any, other than those for the Leaving Certificates of the Scotch Education Department, may be accepted as equivalent to the Preliminary Examination in whole or in part, provided they are satisfied that such other examinations are in fact equivalent thereto.

Under this sub-section the Joint-Board has resolved as follows:—

(*a*) A Degree in Arts or in Science, not being an Honorary Degree, in any of the Universities of the United Kingdom, shall exempt from the Preliminary Examination in Arts or in Science, as the case may be.

(*b*) A Certificate of having passed in the Honours or First Division in English in the London University Matriculation Examination will be accepted as equivalent to English in the Arts and Science Preliminary Examination; and the Joint-Board also accepts, for the Preliminary Arts and Science Examination (1) London University Matriculation Mathematics as equivalent to Lower Mathematics; (2) London University Matriculation Mechanics as equivalent to Dynamics; and (3) London University Intermediate Mathematics as equivalent to Intermediate and Higher Mathematics.

(*c*) The Higher Certificate of the Oxford and Cambridge Schools Examinations Board will be accepted as equivalent to the higher standard in each subject in the Preliminary Examination in Arts and Science, and their Lower Certificate as equivalent to the lower standard.[1]

(*d*) Oxford University Senior Local Examinations, if passed with distinction, to be accepted as exempting *pro tanto* in Higher Latin, Higher Greek, French, German, and Intermediate Mathematics; also in English, provided that in English the candidate has passed with distinction in division 1, and in division 3, or 4, or 5; a pass without distinction, to be accepted *pro tanto* for Lower Latin, Lower Greek, and Lower Mathematics.

(*e*) Oxford University Higher Examination for Women to be accepted as exempting *pro tanto* for the Arts and Science in the case of Higher Latin, Higher Greek, English, and Lower Mathematics; and if with distinction, for French and German, and Higher Mathematics.

(*f*) Cambridge University Local Examinations:—

1. Junior Locals. The pass with distinction to be accepted for Lower Mathematics, provided the candidate has passed in Books I., II., and III. of Euclid, and in Quadratic Equations.

2. Senior Locals. The pass to be accepted as exempting *pro tanto* for Lower Latin and Lower Greek, and for Higher Mathematics; and if with distinction, for Higher Latin, and Higher Greek, and English, and (in October, 1897) Modern Languages.

(*g*) Cambridge University Higher Local Examinations to be accepted *pro tanto*.

(*h*) Oxford and Cambridge Schools Examinations Board. Lower Certificate to be accepted for Lower Mathematics, provided the candidate has passed in three books of Euclid, and as far as Quadratic Equations in Algebra.

Higher Certificate. The pass to be accepted for Lower Latin, Lower Greek, and Lower Mathematics, provided the latter includes Elementary and Additional Mathematics; if with distinction, to be accepted for Higher Latin, Higher Greek, French, German, and Higher Mathematics.

(*i*) Victoria University. The Preliminary Examination to be held as exempting from the Preliminary proper, but not from the examination required for admission to a graduating class in any language.

(*j*) For the Preliminary Examination in Arts and Science, the Deans of the Faculties concerned are empowered to accept, *pro tanto*, such examinations qualifying for entrance to recognized Colonial and Foreign Universities (although not included in the list of Equivalent Examinations issued by the Joint-Board) as they consider to be sufficient, but on condition that they afterwards report each case to their respective Senates, and to the Joint-Board as soon as possible.

ORDINARY DEGREE.

VI. Candidates for the ordinary degree of Master of Arts may follow the Curriculum and take their degree in the subjects hitherto recognized for graduation, as provided by the regulations[2] contained in Ordinances

---

[1] This regulation will hold only till October, 1897, inclusive.

[2] See pp. 163—165.

Nos. 12, 14, 18, and 69 of the Commissioners under the Universities (Scotland) Act, 1858, subject always to the preceding provisions of this ordinance; or they may vary the Curriculum for graduation under the regulations contained in the immediately succeeding sections.

VII. (1) Candidates shall attend full courses in at least seven subjects, and shall be examined on these subjects.

(2) Of these subjects four must be (*a*) Latin or Greek (not Modern Greek); (*b*) English or a Modern Language (*i.e.* French, German, Italian, or Spanish) or History; (*c*) Logic and Metaphysics, or Moral Philosophy; (*d*) Mathematics or Natural Philosophy.

(3) The remaining subjects may be selected by the candidate from the departments specified in Section IX. of this ordinance, under the following condition:—That the whole subjects taken shall include either (*a*) both Latin and Greek (not Modern Greek), or (*b*) both Logic and Moral Philosophy, or (*c*) any two of the following three subjects:—Mathematics, Natural Philosophy, and Chemistry.

VIII. (1) Each of the subjects must be studied in a full course of not less than one hundred meetings of the class on separate days, except in cases where the Senatus, with the approval of the University Court, shall have sanctioned, as qualifying for graduation, half courses of not less than fifty meetings on separate days; or where the Senatus, with the approval of the said Court, shall, having regard to the nature of the subject, sanction full courses of less than one hundred or of less than fifty meetings respectively.

Under this sub-section the Senate, with the approval of the University Court, has sanctioned, as qualifying for graduation, half courses in the following subjects, viz.:—Latin, Greek, Philosophy of Law, Mathematics, Astronomy, Geology, Constitutional Law and History,[1] and Public Law.

(2) Two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

Under this sub-section the Senate, with the approval of the University Court, has determined that any two half courses in subjects which are taught only in half courses and not in full courses in Arts, shall be held to be equivalent to a full course, and that where in Arts a full course is given in any subject, a half course in such subject shall not be combined with a half course in any other subject, but only with a second half course in the same subject, both the systematic and practical portions of the courses being taken in cases where both are prescribed.

(3) Where a subject is taught in a practical class, as well as in a systematic class, the Senatus, with the approval of the University Court, shall regulate the course of study and determine the relative proportion of lectures and laboratory or practical work.

Under this sub-section the Senate, with the approval of the University Court, has resolved that in Chemistry, Botany, and Zoology the course of study for a Degree in Arts, and the relative proportion of lectures and laboratory or practical work, shall be as follows:—

---

[1] Candidates for the Degree of Master of Arts with Honours in the Group of History may attend the course of eighty Lectures in Constitutional Law and History, and may reckon such attendance as attendance on a full course.

1. Chemistry.—A systematic course of one hundred meetings of the class and a practical course of two and a half months.

2. Botany.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

3. Zoology.—One hundred meetings on separate days, viz., fifty in systematic course and fifty in practical course.

IX. The departments of study for graduation in Arts in each University shall, if adequate instruction is provided, include the following subjects, with such additions or modifications in any University as may hereafter be made by ordinance of the University Court:—

1. *Language and Literature.*

Latin.
Greek.
English.
French.
German.
Italian.
Sanskrit.
Hebrew.
Arabic or Syriac.
Celtic.
Modern Greek.

2. *Mental Philosophy.*

Logic and Metaphysics.
Moral Philosophy.
Political Economy.
Education (Theory, History, and Art of).
Philosophy of Law.

3. *Science.*

Mathematics.
Natural Philosophy.
Astronomy.
Chemistry.
Zoology.
Botany.
Geology.

4. *History and Law.*

History.
Archæology and Art (History of).
Constitutional Law and History.
Roman Law.
Public Law.

X. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the ordinary degree of Master of Arts on payment of the fees required.

DEGREE WITH HONOURS.

XI. (1) The degree of Master of Arts may be taken with Honours in any of the following Groups, in which Honours Classes shall have been established in at least two subjects:—

(*a*) Classics (*i.e.*, Latin and Greek, with optional subjects such as Comparative Philology, Ancient Philosophy, and Classical Archæology).
(*b*) Mental Philosophy.
(*c*) Mathematics and Natural Philosophy.
(*d*) Semitic Languages.
(*e*) Indian Languages.
(*f*) English (Language, Literature, and British History).[1]
(*g*) Modern Languages and Literature (*i.e.*, French, German, Italian, or Spanish).
(*h*) History.

---

[1] The Senatus Academicus, in determining the courses to be attended within the Honours Group entitled "English (Language, Literature, and British History), and the character of the examination specified in Section XI., sub-section 1 (*f*), shall regard English Literature as constituting the chief subject of the Group, the linguistic and historical subjects being regarded as subsidiary thereto.

(2) Every Candidate shall take up at least five subjects. Two of these subjects, under separate Professors or Lecturers, must be selected from the Candidate's Honours Group; and the five subjects shall include one from each of the Departments of Language and Literature, Mental Philosophy, and Science, set forth in Section IX. of this Ordinance.

(3) Every Candidate shall attend seven Classes, taking two Classes (one of which shall be an Honours Class) in each of his Honours subjects.

(4) A Candidate who has obtained Honours in any one Group, may, before graduating, present himself again for examination in a second Honours Group. In such a case, he shall not be required to attend more than two additional Classes, which shall be Honours Classes, in the second Group.

(5) The examination in the subjects comprised in the Candidate's Honours Group shall be of a higher standard than that required for the ordinary degree of Master of Arts. In his other subjects the standard shall be that required for the ordinary degree.

(6) The Senatus shall, subject to the provisions of Sections XVI. to XX. of this Ordinance, from time to time determine what subjects shall be comprised in each Group, what subjects may be taken in half courses, and in which Group they may be taken: Provided that no new Group shall be instituted except by Ordinance of the University Court.

(7) The provisions of Section VIII. of this Ordinance shall apply to Candidates for Honours; but, in their case, not fewer than fifty meetings, on separate days, extending over an entire winter session, shall constitute a full course for an Honours Class; and not fewer than twenty-five meetings on separate days, extending over half a winter session, or an entire summer session, shall constitute a half course.

XII. (1) Every Candidate shall include Latin, or Greek, either in his Honours Group or as one of the subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

(2) Greek shall be compulsory for candidates for Honours in Mental Philosophy. *Candidates for Honours in Mental Philosophy who have included Latin, but not Greek, as one of the subjects in which the standard of examination is the same as that required for the ordinary degree of Master of Arts, shall be deemed to have satisfied the provisions of this subsection, if, before they offer themselves for the Honours examination in Mental Philosophy, they shall have passed a special examination in translating into English, passages from the works of Greek philosophical authors, including passages from the works of such authors not previously prescribed.*[1]

(3) Candidates for Honours in English, or Modern Languages and Literature, or History (Groups *f*, *g*, *h*, of Section XI. hereof), shall include within the whole subjects taken for their degree (*a*) Logic and Metaphysics or Moral Philosophy and (*b*) Mathematics or Natural Philosophy.

(4) *Every candidate shall have obtained a certificate for his attendance on the class of Latin or Greek, under subsection* (1) *or* (2) *of this section, before he offers himself for examination in his Honours group of subjects.*[1]

---

[1] The words in *italics* are taken from Ordinance No. 148.

XIII. (1) The whole examination in the candidate's Honours Group must be taken at one time, and the whole examination necessary for graduation with Honours must be taken within five years from the date of the candidate's first matriculation after having passed the Preliminary Examination, unless that period shall be extended by the Senatus on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the extension.

(2) Candidates for Honours may be examined, at any time during their Curriculum, in the three subjects in which the standard of examination is that required for the ordinary degree of Master of Arts.

XIV. (1) A candidate who has passed the examinations necessary for the ordinary degree of Master of Arts, but who has not yet graduated, may present himself for Honours within five years from the date of his first matriculation after having passed the Preliminary Examination, and shall not be required to attend further classes:—subject always to the provisions of Section XII. hereof.

(2) No one shall be allowed to present himself a second time as a candidate for the degree of Master of Arts with Honours, who, upon examination, has failed to obtain Honours.

(3) A candidate shall be held to have presented himself who has notified his name for Examination in accordance with the University regulations. But it shall be in the power of the Senatus to relax this rule on special cause shown; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XV. (1) In each Group there shall be three Grades of Honours, to be denominated respectively the First, Second, and Third Class. The names of the candidates entitled to Honours in each class shall be arranged in alphabetical order.

(2) For the degree of Master of Arts with Honours a Diploma shall be given setting forth the subjects in which he has taken Honours.

BOARDS OF STUDIES.

XVI. The Senatus of each University shall from time to time institute Boards of Studies corresponding as nearly as may be to the Departments of Study enumerated in Section IX. of this Ordinance.

XVII. Each Board of Studies shall consist of such Members of the Senatus and Lecturers in the University as the Senatus may from time to time select, and the Senatus shall appoint one of the Members of the Board to be Convener thereof.

XVIII. Before the end of each winter session each Professor and Lecturer in the said Departments of Study shall submit to the proper Board of Studies for its approval a syllabus of the subjects and books proposed for the work of his class for the next academical year. As soon as such approval has been given, the syllabus shall be transmitted to the Faculty of Arts for its consideration. The syllabus, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

In addition to the syllabus of subjects specified in Section XVIII., the Professors, and in the case where a subject is taught by a Lecturer only, the Lecturer or Lecturers, shall submit to the proper Board of Studies a syllabus of the subjects and books to be prescribed for the examinations for the Ordinary Degree of Master of Arts in the next academical year, and for the Honours examinations in the academical year next but one.

XIX. (1) Before the end of each winter session each Board of Studies shall prepare a scheme defining for the academical year next but one following, the classes which shall be deemed to be Honours Classes, and the subjects and courses of reading for Honours in its department, and shall report the same to the Faculty of Arts for its consideration. The scheme, with such observations as the Faculty of Arts may see fit to make thereon, shall then be transmitted to the Senatus for its sanction.

(2) Each Board shall in like manner make recommendations through the Faculty of Arts to the Senatus in regard to the half courses which may be sanctioned under the provisions of this ordinance, and the Lectures which may be given on special subjects.

XX. The Principal and the Dean of the Faculty of Arts shall be *ex-officio* Members of each Board of Studies. The Convener shall preside, and, in his absence, each meeting shall appoint its own Chairman, and every Chairman shall have a deliberative, and, in cases of equality, a casting vote.

General.

XXI. In the case of a foreign student whose native language is other than English, the standard required in English in the Preliminary Examination shall be such as the Joint Board of Examiners may deem sufficient. In the case of a student whose native language is other than European, the Senatus may accept as an alternative to Latin or Greek any other classical language, such as Sanskrit or Arabic, subject always to the provisions of Section IV., Sub-section 3 hereof.

XXII. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class as qualifying for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint; and in every such case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XXIII. The examination in all the languages in the Curriculum shall, as far as possible, be on the same standard in examinations for the same degree, and shall in all cases test the candidate's knowledge of the history and literature of the several countries.

XXIV. A candidate for the degree of Master of Arts shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XXV. A student, who has given attendance at classes recognized as qualifying for graduation during one or more sessions in any one or more of the Scottish Universities, may complete his Curriculum by giving attendance during the remainder of his course in another Scottish University, and may proceed to a degree in the latter University in the same way, in all respects, as if the previous part of his Curriculum had been taken therein: Provided always that every such student shall be bound to produce, to the satisfaction of the Senatus of the latter University, certificates of his having passed the Preliminary Examination, and of his attendance at the former University or Universities, and shall be examined in all the subjects necessary for a degree of Master of Arts by the Examiners of the University in which he completes his Curriculum, and in which alone he shall be allowed to graduate; and that no such student shall be admitted to a degree in any University unless he has given attendance in such University during the last winter session of his Curriculum, and one other winter session or two summer sessions.

XXVI. A candidate for the degree of Master of Arts with Honours, who has failed to be placed in any class, may, provided that in the opinion of the Examiners he has given evidence of sufficient attainments in any subject for the ordinary degree of Master of Arts, receive from them a certificate of having passed in such subject, which shall count *pro tanto* as part of the examination required under the regulations for the ordinary degree of Master of Arts.

XXVII. The degree of Master of Arts shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XXVIII. A student who, previous to 1st October, 1892, commenced his course of study with a view to graduation in Arts in any of the Scottish Universities under the regulations[1] in force at the time in such University, may complete his course and become a candidate for the degree of Master of Arts, with or without Honours, in conformity with such regulations. And any such student who has passed the examination hitherto required for admission to a Curriculum of three sessions shall, if he desire to come under the regulations of this Ordinance, be exempted from the Preliminary Examination herein required.

XXIX. Students may attend any classes without having passed the Preliminary Examination within the meaning of this Ordinance, but such attendance shall not qualify for graduation.

Attendance on classes in the Faculty of Arts in which the teaching is on the standard at present recognized for the classes hitherto known as Junior or Middle Classes, shall in no case qualify for graduation.

XXX. It shall be competent for the University Court in each University to discontinue the Junior Classes, or Middle Classes, where such exist, in Latin, Greek, and Mathematics, when, in the opinion of the Court, the provision for Secondary Education in schools throughout the country is sufficient to render such classes no longer necessary.

REGULATIONS APPLICABLE TO ALL WHO BEGAN THEIR ACADEMICAL COURSE BEFORE 1ST OCTOBER, 1892.

I. The ordinary course of study necessary for the Degree of Master of Arts (except in the circumstances mentioned in the following paragraph) extends over four winter sessions, and includes attendance for not less than two sessions on the classes of Humanity, Greek, and Mathematics respectively, and attendance for not less than one session on the classes of Logic, Moral Philosophy, English Literature, and Natural Philosophy respectively.

---

[1] See pp. 163-165.

II. Any student who, at the time of his entrance to the University, shall satisfy the Professors in the Faculty of Arts, on examination, that he is qualified to attend the higher classes of Latin, Greek, and Mathematics, or any of them, may be admitted to such higher class or classes without having attended the Junior class or classes, in the same department or departments; and in the case of students who are, after such examination, admitted to the higher Greek and Latin classes, the course of study for the Degree of Master of Arts may be completed within three winter sessions instead of four.

III. In pursuing the course of study for the Degree of Master of Arts, no student is permitted to pass from the Junior to a higher class in any department, unless the Professor is satisfied of his fitness to enter the higher class.

IV. It is in the power of any student, who has given attendance during one or more sessions on the course of study in any other Scottish University, to complete his course of study and proceed to the Degree of M.A. in this University: Provided always, that every such student shall produce, to the satisfaction of the Senatus Academicus of this University, testimonials of his attendance at the former University, and shall be examined in all the departments necessary for the Degree of Master of Arts by the Examiners of this University: Provided also, that no student shall be admitted to a degree in this University unless he has given attendance in this University during the last two sessions of his course.

V. Any student who has completed the required attendance on the Latin and Greek classes, may be examined on those subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Logic, Moral Philosophy, and English Literature, may be examined on these subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, in like manner, any student who has completed the required attendance on the classes of Mathematics and Natural Philosophy, may be examined on these subjects at any examination for degrees, although he has not completed his attendance on the other classes of the prescribed course; and, if such student shall satisfy the Examiners, when so examined in Latin and Greek, or in Logic, Moral Philosophy, and English Literature, or in Mathematics and Natural Philosophy, he is entitled to receive from them a certificate to that effect, and he is not again examined on the same subjects, as a condition of his taking the Degree of Master of Arts.

VI. Students who have passed satisfactorily an examination or examinations on the several subjects embraced in the prescribed course of study, are entitled forthwith to receive the Degree of Master of Arts without Honours; but they may, before taking a degree, offer themselves for a farther examination, with a view to Graduation with Honours:[1] Provided always, that any student who desires to offer himself for examination, with a view to Graduation with Honours, in any one or more departments, may proceed to such examination without having previously passed the examination in such department or departments for the Degree of Master of Arts without Honours; and if such student, in the opinion of the Examiners, fails to attain the standard for Honours in any department, but attains to the standard of the examination for Graduation without Honours, he shall be held to have passed in that department for the Degree of Master of Arts without Honours, but if in any such department he fails to attain to the standard of the examination for Graduation without Honours, he shall not be entitled, until he shall have passed in that department, to the Degree of Master of Arts: Provided also, that no person shall be admitted to examination for Honours after he has ceased to be a matriculated student in attendance on a class or classes in the University for more than one winter session, unless he has been prevented from offering himself by ill-health or other sufficient cause.[2]

There are four departments, in any one or more of which candidates for Graduation with Honours may offer themselves for examination., viz.:—

A. Classical Literature;
B. Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy;
C. Mathematics, including Pure Mathematics and Natural Philosophy; and
D. Natural Science, including Botany, Geology, Zoology, and Chemistry.

In each of the first three of the above-mentioned departments—viz., in Classical Literature, in Mental Philosophy, and in Mathematics—there are two grades of honour, denominated respectively the First Class and the Second Class; but in the department of Natural Science there is one class of Honours only; and the names of the candidates entitled to Honours in each class, in the several departments, are arranged, when publicly announced, in alphabetical order.

The papers for the examinations under the old regulations are the same as those in the corresponding subjects for the Degree of M.A. under the new regulations, and the examinations take place at the same time.

For Dates of Examination, see Table on p. 175.

---

[1] The provisions with regard to Honours contained in this and the following paragraphs are applicable only to those who began their curriculum before session 1892-93.

[2] By minute of date 28th November, 1872, the Senate resolved that the power conferred on them of dispensing with the above regulation "will not be exercised except in the case of the applicant having been precluded from attendance by ill-health, or very peculiar circumstances, quite beyond the applicant's control; attendance at another University not to be considered such."

TABLE OF SUBJECTS OF EXAMINATION FOR THE DEGREE OF MASTER OF ARTS, ACCORDING TO THE DIFFERENT CLASSES OF DISTINCTION WHICH CANDIDATES MAY HAVE IN VIEW.

The Examination Questions set in April, 1897, in the several Departments and Subjects will be found towards the end of the *Calendar*.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
LATIN	**October, 1897.** VIRGIL, *Æneid*, Book XII. PROPERTIUS (Ramsay's Selections, Books I, II, III, IV). HORACE, *Satires*, Book II, or *Epistles*, I. TACITUS, *Annals*, V, VI. Any one of the following: (*a*) CICERO, any oration or orations of not less than 40 chapters; (*b*) CICERO'S *Epistles*, any 40 consecutive pages (Prichard & Bernard's Edition); (*c*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY, from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. Latin Prose Composition and Grammar. **April and October, 1898.** VIRGIL, *Æneid*, Book VII. HORACE, *Odes*, Books I, II, III, IV. HORACE, either (*a*) *Epistles*, I, or (*b*) *Epistles*, II, with *Ars Poetica*. TACITUS, *Annals*, I. Any one of the following: (*a*) CICERO, any oration or a philosophical book of not less than 40 chapters; (*b*) any Book of LIVY. ROMAN ANTIQUITIES and ROMAN HISTORY from B.C. 133 to B.C. 31 (*Students' History of Rome*, Books VI, VII). Unseen translation. *Note*.—Proficiency in Latin Prose Composition and in Grammar is required. A knowledge of the matter of the Books read is required, so as to enable a student to explain and comment on the text, and explain allusions.	**October, 1897, and afterwards till further notice.** VERSE.— VIRGIL, *Æneid*, VII—XII. HORACE, the *Satires* and *Epistles*. And any two (or more) of the following combinations: (*a*) LUCRETIUS, Books I, II (or III and IV to line 1019), with a play of PLAUTUS. (*b*) JUVENAL (the whole excepting *Sat.* II, VI, and IX). (*c*) PERSIUS, with Sellar's Selections from Martial, Books I-IV. (*d*) CATULLUS (Clarendon Press Selection) and PROPERTIUS (Ramsay's Selection). PROSE.— CICERO, the *Philippic Orations*, I-VI, or any oration of Cicero, or any consecutive portion of Cicero's *Epistles* (Muirhead's or Prichard and Bernard's Selections) of at least equal length. LIVY, I-III, or XXI XXIII. TACITUS, *Annals*, Books I-IV. With Latin Composition, History, and Antiquities, etc. Passages also from Books not prescribed will be set. Candidates may profess any extra books they please.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GREEK	**October, 1897.** HOMER, *Od.* XIV, or *Il.* VI. SOPHOCLES, *Oedipus Tyrannus*, or *Oedipus Coloneus*. THUCYDIDES, II, 1—65; or PLATO, *Republic*, VIII and IX, omitting p. 546 and pp. 583—585 inclusive. ARISTOTLE, *Poetics*, I—XXIII (omitting XX, XXI). Unseen translation and composition. History of Greece; either Chap. I—XX in Oman's *History*; or Chap. XXI—XXXV (*i.e.* 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities. **April and October, 1898.** HOMER, *Iliad* VI or IX. SOPHOCLES, *Oedipus Tyrannus*, or EURIPIDES, *Bacchae*. HERODOTUS, VI, 1—93, or III, 1—84. PLATO, *Republic*, II. Unseen translation and composition. History of Greece; either Chap. I—XX in Oman's *History*, or Chap. XXI—XXXV (*i.e.* 478—404 B.C.). Questions on Greek Grammar, Literature, History, and Antiquities.	**October, 1897,[1] and afterwards till further notice.** VERSE. (1) HOMER, any twelve consecutive books, or any two groups of six consecutive books. (2) Either (*a*) any *four* of the following eight plays: *Agamemnon*, *Choephori*, *Oedipus Tyrannus*, *Antigone*; *Hippolytus*, *Bacchae*; *Ranae*, *Aves*. or (*b*) any *two* of those plays, together with one of the following books: 1. PINDAR, *Olympian* or *Pythian Odes*; 2. THEOCRITUS, *Idylls*, I—XV, XXVIII, and *Epigrams*; 3. APOLLONIUS RHODIUS, *Argonautica*, III. PROSE. THUCYDIDES, or HERODOTUS, any two books, or any consecutive passage equivalent in length to the two shortest books. Either 1. PLATO, *Phaedo* and *Apology*; or *Gorgias*, or *Republic*, I—IV. Or 2. ARISTOTLE, *Politics*, Books I, II, III, or IV, V, VI (as numbered in Bekker's text; or *Constitution of Athens and Poetics*. Or 3. DEMOSTHENES, *De Corona* and *Philippics*. Greek Composition and unseen translation. Questions in Greek Grammar, Literature, History, and Antiquities. Candidates will be required to show a thorough acquaintance with the subject matter, as well as with the text, of the books. Since April, 1893, candidates, while expected to translate accurately all the books which they profess, are required to offer three of them as Special Books, in which they will be asked to comment on particular words, passages, and questions of text. One of the three special books must always be prose and one poetry. Candidates should inform the professor of their proposed choice of special books at least three months before the examination. A pure and accurate English style in translation is considered of the highest importance.

---

[1] For October, 1897, and April, 1898, Candidates may, if they wish, follow the rules published in the Calendar for 1896-7.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
ENGLISH LITERATURE	**October, 1897.** A. For students of session 1895-96:—(1) English Composition; (2) English Philology; (3) Elizabethan Drama, especially Marlowe's *Dr. Faustus* and *Edward II.*; Shakespeare's *Two Gentlemen of Verona*, *Henry V.*, *Much Ado about Nothing*, *As You Like It*, *Hamlet*, *Othello*, *King Lear*, *Macbeth*, *Coriolanus* (optional for men students), *Cymbeline* or *The Tempest* (one or the other); Jonson's *Alchemist* and *Epicene*; Webster's *Duchess of Malfi*; Beaumont and Fletcher's *Philaster* (optional), Massinger's *New Way to Pay Old Debts* (optional for women students); (4) (*a*) Chaucer's *Nun's Priest's Tale* (Clar. Press); (*b*) Tennyson's *Idylls of the King*. B. For students of session 1896-97:—(1) English Composition; (2) English Philology; (3) English Imaginative Literature, 1796-1824, especially the poems of Wordsworth, Coleridge, Scott, Byron, Shelley (optional for women students), Keats (optional for men students), and the following Novels, *Pride and Prejudice*, *Emma*, *The Heart of Midlothian*, *The Bride of Lammermoor*, *Ivanhoe*, *Old Mortality*, *Rob Roy* (the last two optional); (4) (*a*) Shakespeare's *Macbeth* (Clar. Press); (*b*) *Selections from the Spectator*, ed. Deighton. Students of sessions prior to 1895-96 can take either paper; students of sessions prior to 1893-94 can omit Philology; *but no third paper will be set.* **April and October, 1898.** A. For students of session 1896-97, the subjects of that session specified above under B. B. For students of session 1897-98, the subjects specified on p. 63. This examination will include a compulsory question on the *text* of the *Selections from the Spectator*. Students of sessions prior to 1896-97 can take either paper; students of sessions prior to 1893-94 can omit Philology; *but no third paper will be set.*	In 1897, and until further notice, the subjects of examination in English[1] (Language, Literature, and British History) will be as follows:— I. LANGUAGE.—English Philology, with Sweet's *Anglo-Saxon Reader* and Morris and Skeat's *Specimens of Early English*, Parts 1 and 2. II. LITERATURE.—(1) General History of English Literature from 1350. (2) Shakespeare. (3) *One* of the following:—(*a*) Selections from Anglo-Saxon Poetry; (*b*) Chaucer; (*c*) Scottish Poetry, either from the beginnings to Dunbar (excluding Douglas), or from Dunbar to Drummond; (*d*) Spenser and parts of Bacon; (*e*) Milton and parts of Bacon; (*f*) Dryden, Pope, *Swift*, *Addison*, *Richardson*, *Fielding*, *Johnson*, *Goldsmith*, *Burke*, *Hume*, *Gibbon*, Burns, *Scott*, *Austen*, Wordsworth, Coleridge, Byron, Shelley, Keats, *Carlyle*, Tennyson, R. Browning, *Ruskin*,—any three of these, provided that the three include a poet and a prose-writer, and do not include more than one of the last four writers. Names of authors counted as prose-writers are in italics. Candidates should consult the Professor regarding these regulations. III. HISTORY. The History of Great Britain and Ireland, either (*a*) from 1714 to 1815, with special reference to the following works of Burke:—*Thoughts on the Present Discontents*; *Speeches on American Taxation*; *Reflections on the French Revolution*: or (*b*) from 1603 to 1714, with special reference to the following works:—Milton's *Reason of Church Government* and *Tenure of Kings and Magistrates*; Butler's *Hudibras*; Dryden's Satires; Swift's *Conduct of the Allies*. After October, 1897, candidates will also be required to pass an examination in the Outlines of British History to 1815.

---

[1] See p. 159, and note at foot of page.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
FRENCH	**October, 1897.** For students of session 1896-97:—I. History of the French Literature in the Nineteenth Century up to 1870; II. History of France from the Revolution (inclusive); III. Outlines of French Philology; IV. Translation into and from French; V. Chateaubriand, *René*, *Le Génie du Christianisme*; Lamartine, *Méditations poétiques*; Victor Hugo, *La Légende des Siècles*, *Hernani*, *Ruy-Blas*; Musset, *Fantasio*, *On ne badine pas avec l'Amour*; Vigny, *Poèmes*. **April and October, 1898.** A. For students of session 1896-97, as above. B. For students of session 1897-98:—I. History of the French Comedy in the Seventeenth and Eighteenth Centuries; II. History of France from Louis XIV. (inclusive) to the Revolution (inclusive); III. Outlines of French Philology; IV. Translation into and from French; V. Racine, *Les Plaideurs*; Molière, *Tartufe*, *Le Misanthrope*, *L'Ecole des Femmes*, *L'Avare*; Regnard, *Les Folies Amoureuses*; Le Sage, *Turcaret*; Marivaux, *Le Legs*, *L'Epreuve*; Beaumarchais, *Le Barbier de Séville*.	**April and October, 1899.** I. Translation into French from English and from Old French. II. Philology: History of the French Language; Historical Grammar. III. (*a*) General History of French Literature (text-book: Lanson, *Histoire de la Littérature française*); (*b*) Molière, or J. J. Rousseau, or Victor Hugo; (*c*) One of the following: (1) Chrétien de Troies and the Arthurian Romances, (2) Rabelais, (3) La Pleïade, (4) Pascal, (5) The "Encyclopédistes," (6) Alfred de Vigny. IV. General History of France; French Institutions.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GERMAN	**October, 1897.** A. For students of session 1895-96 :—(1) History of the German Literature since Goethe's death, 1832-1895 ; (2) Higher New-High-German Accidence on an historical and comparative basis ; (3) Körner's *Zriny;* Jean Paul's *Titan ;* Kleist's *Käthchen v. Heilbronn ;* Grillparzer's *Ahnfrau;* Chamisso's *Peter Schlemihl;* Uhland's *Ballads;* Heine's *Harzreise*, *Lyrics* ; Immermann's *Münchhausen* ; Lenau's *Savonarola* ; Freytag's *Journalisten ;* Scheffel's *Trompeter ;* Jordan's *Durchs Ohr ;* (4) Translation into and from German. B. For students of session 1896-1897 :—(1) History of German Literature from its beginning till 1492 ; (2) Translation into modern German from the *Nibelungenlied* ; (3) Higher Syntax of the New-High-German written language ; (4) Lenau's *Savonarola* ; Freytag's *Journalisten ;* Scheffel's *Trompeter* ; Jordan's *Durchs Ohr ;* Keller's *Der grune Heinrich ;* Spielhagen, *Die Sturmflut* ; (5) German Life and Institutions ; (6) Translation into and from modern German. **April and October, 1898.** A. For students of session 1895-96 and 1896-97, as above. B. For students of session 1897-98 :- (1) History of German Literature of the time of Lessing, Goethe, and Schiller ; (2) Higher Accidence of the New-High-German written language ; (3) Lessing's *Minna v. Barnhelm*, *Emilia Galotti*, *Laokoon*, *Nathan der Weise ;* Goethe's *Faust* (I. and II.). *Egmont*, *Iphigenia*, *Wilhelm Meister's Lehrjahre*, *Lyrics* ; Schiller's *Don Carlos*, *Braut v. Messina*, *Maria Stuart*, *Ballads*, *Philosophical Poetry;* (4) Translation into and from modern German.	**April and October, 1898.** I. Paper. The modern German written language. Translation from English into German, from German into English, from Old-High-German into modern German. Comparative Philology of German and English ; History of the German Language ; Modern Accidence, Syntax, Idioms (in English). II. Paper. General History of the German Literature from the oldest times to the present (in German). III. Goethe or Schiller. One of the following subjects :—(*a*) Old-High-German Poetry ; (*b*) Wolfram von Eschenbach ; (*c*) The early German Drama up to the time of the Reformation ; (*d*) Luther ; (*e*) History of the German Legend (in German). IV. General History of Germany. German Life and Institutions. One of the following subjects : (*a*) Völkerwanderung ; (*b*) Reformation ; (*c*) The Eighteenth Century ; (*d*) Economical History of Germany (in German). Books prescribed :—Brandt, *A Grammar of the German Language* ; Braune, *Althochdeutsches Lesebuch* ; Wackernagel, *Geschichte der deutschen Literatur ;* Meyer, *Goethe ;* Minor, *Schiller ;* Wolfram's *Epic Poetry* ; Creisenach, *Das deutsche Drama ;* Berger, *Luther ;* Grimm, *Die deutsche Heldensage ;* Lamprecht, *Deutsche Geschichte*.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
HEBREW	**October, 1897.** The Book of Genesis. Psalms XLII—LXXII. Any one of the following:—(*a*) Joel, (*b*) Nahum, (*c*) Habakkuk, (*d*) Zephaniah. Unseen translation. Unpointed text to be pointed and translated. Translation from English into Hebrew. Questions on Grammar, Syntax, and Accents. Candidates are expected to be acquainted with Pentateuch Introduction as far at least as it is set forth in Spurrell's Notes on the Book of Genesis (2nd edition). They will also be examined on the formation and characteristics of the Psalter; and on the History of the period to which the selected Prophetical book belongs. **April and October, 1898.** The same subjects as above, with the following modifications: Psalms LXXIII—CVI (instead of XLII—LXXII). Also, Whitehouse's Primer of Hebrew Antiquities (1895).	
LOGIC	The Class Lectures. Descartes' *Method* and *Meditations* (Veitch's translation).	**April and October, 1897 and 1898.** (*a*) Logic and Psychology: the subjects of the Class Lectures, Ordinary and Advanced. Candidates will be expected to have read some of the larger modern treatises on Logic, such as Mill, Venn, or Sigwart. (*b*) Metaphysics: (1) Kant's *Kritik of Pure Reason*. (2) Plato's *Republic*, Bks. V.—VII., *Philebus*, and *Timaeus*; *or* Aristotle's *De Anima* and *Post-Analyt*. (*c*) Candidates are, in addition, expected to offer for examination some book, author, period, or subject, to be approved by the Professor.

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
MORAL PHILOSOPHY	The Professor's Lectures during the session in which the student examined has attended the Moral Philosophy Class; and the *Republic* of Plato (translated by Davies and Vaughan).	Candidates for Honours will be examined in:—(1) The Professor's Lectures; (2) Aristotle's *Ethics* (omitting Books VII, VIII, and IX), Aristotle's *Politics*, Books I—IV, and, in connection therewith, the History of Ethical Thought in Greece previous to Aristotle; (3) Spinoza's *Ethics*; (4) The Ethical Theory of Kant, together with Caird's *Philosophy of Kant*, Books II, III, IV, and Green's Prolegomena to Ethics; (5) a general knowledge of Modern Hedonism. Candidates are, in addition, expected to offer for examination some book, subject, author, or period; or to submit a thesis on a subject in Philosophy, *either* in Logic *or* in Moral Philosophy.
POLITICAL ECONOMY	The Lectures and Text-books of the session in which the student has attended the class.	
EDUCATION	**October, 1897.** I. Theory of Education. II. Education as an Art. III. History of Education: (1) Socrates, Plato, Aristotle, Cicero, Quintilian; (2) The Jesuits, Ascham; (3) Locke, Pestalozzi, Froebel; Bell, Lancaster, Stow, Spencer. **April and October, 1898.** I. Theory of Education. II. Education as an Art. III. History of Education: (1) Education in Ancient Greece and Rome: (2) The Rise of Universities, the Revival of Learning, Erasmus, the Jesuits, Comenius, Milton; (3) Modern Primary Education, Pestalozzi, Froebel, Jacotot, Stow.	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
PHILOSOPHY OF LAW	Holland's *Jurisprudence* (fifth, sixth, or seventh edition). Maine's *Ancient Law*. Miller's *Philosophy of Law*.	
MATHEMATICS	Euclid, First Six Books, and Book XI, 1—21. Algebra, including Quadratic Equations, Progressions, and Binomial, Exponential, and Logarithmic Theorems. Plane Trigonometry, including the Solution of Triangles by the aid of Logarithmic tables.	*Second Class.*—In addition, Higher Algebra; Plane Trigonometry; Analytical and Geometrical Conics, and Differential and Integral Calculus so far as treated in the Intermediate Honours Mathematical Class. *First Class.*—In addition, Spherical Trigonometry, Solid Geometry, Differential and Integral Calculus, Differential Equations, and Elements of Finite Differences.
NATURAL PHILOSOPHY	Examination on the subjects explained in the class. On the Elements of Statics and Kinetics, with the solution of problems not requiring the Differential or Integral Calculus; Experimental Science, including Sound, Light, Heat, Electricity, and Magnetism.	Kinetics and Statics of a particle; and an elementary knowledge of Elasticity of Solids and Thermo-dynamics. The subject of special course on Mathematical Physics for session of attendance. Portions of Thomson's *Electrical Papers*. Rigid dynamics, and portions of Thomson and Tait's *Natural Philosophy* (large work); also, either Fourier's *Théorie Analytique de la Chaleur*, or the Mathematical theory of one of the following subjects, Electricity, Magnetism, Light, Sound, Elasticity of Solids.
ASTRONOMY	The Professor's Lectures during the session in which the student has attended the class, and Popular Astronomy.	
CHEMISTRY	General principles—Inorganic and Elements of Organic Chemistry. Text-books: Bloxam's *Chemistry*; Watts' *Chemistry*, by Tilden; Armstrong's *Organic Chemistry*; Clowes' *Practical Chemistry*.	
ZOOLOGY	Claus' *Zoology*; Rolleston's *Forms of Animal Life* (Jackson's edition).	
BOTANY	The general principles of the Science of Botany, including External Morphology, Anatomy and Physiology; also the chief characters of the Natural Orders of Phanerogams represented in the British Flora, and of the leading types of Pteridophyta, Bryophyta, and Thallophyta.	

IN	FOR ORDINARY DEGREE.	FOR HONOURS.
GEOLOGY[1]	J. Geikie's *Outlines of Geology*; Green's *Physical Geology* and Lyell's *Manual*.	
HISTORY	The Professor's Lectures during the session in which the student attended the History Class; and the Text-books recommended for reading during that session.—*N.B.* A knowledge of Geography will be required.	Students will be examined in the following subjects in 1897-98, 1898-99, and until further notice: (1) The Outlines of British History to 1837. This subject includes the History of England and Scotland, and the History of Ireland from the reign of Henry III. (2) The General History of the Constitution and Constitutional Law. Books recommended: Stubbs, *Constitutional History*; Stubbs, *Select Charters*; Hallam, *Constitutional History*; Erskine May, *Constitutional History*; Anson, *Law and Custom of the Constitution*; Dicey, *Law of the Constitution*; Bagehot, *The English Constitution*. (3) The Constitutional History of the Seventeenth Century, with special reference to the period, 1624-1660. Prescribed books: Hallam, *Constitutional History*; Gardiner, *Documents of the Puritan Revolution*. (4) For 1897-98 French History from 1715 to 1815, with special reference to the period of the French Revolution from 1789 to the end of the Convention in 1795. Prescribed books: Rousseau, *Le Contrat Social*; Arthur Young, *Travels in France*; Bailly, *Mémoires*; Ferrieres, *Mémoires*; Bertrand-Moleville, *Mémoires Particuliers*; Schmidt, *Tableaux de la Revolution Française*, tome I.; Morse Stephens, *Orators of the French Revolution*. For 1898-99 European History from 1714 to 1815. Prescribed books: *Recueil des Instructions données aux Ambassadeurs de France, Autriche* (ed. by A. Sorel) from p. 151; *Mémoires de Frédéric II.*; *Diaries and Correspondence of the first Earl of Malmesbury*. *N.B.*—In (1) and (4) questions will be set in Historical Geography.
CONSTITUTIONAL LAW AND HISTORY	The Class Lectures and Taswell-Langmead's *English Constitutional History*; Stubbs' *Select Charters* (Introductory Sketch only). *Note.*—Candidates for LL.B. are referred to page 214 for additional authorities recommended.	
ROMAN LAW	Institutes of Justinian (ed. Moyle or Sandars), and the Class Lectures. *Note.*—Candidates who aim at the LL.B. standard are recommended, in addition to the above, to profess *Dig.*, Lib. XVIII, Tit. I. The title is translated and annotated by Mackintosh—Roman Law of Sale.	
PUBLIC LAW	Hall's *International Law*. Candidates are expected to show a general acquaintance with the History of Modern Europe.	

---

[1] The examination in this and the three preceding subjects will be oral and practical, as well as by written papers.

TABLE OF EXAMINATIONS IN THE SUBJECTS FOR THE DEGREE OF M.A., TO BE HELD DURING SESSION 1897-98.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation[1] Office). Date.	Fee.	Subjects of Examination.	Dates of Written Examinations and Hours at which the different Papers will be set. September—October, 1897.	Dates of Written Examinations and Hours at which the different Papers will be set. March—April, 1898.
16th Sept. or 3rd March	£1 1s. for Each Subject until £5 5s. shall have been paid.	Astronomy,	Saturday, 2nd Oct., 9—12 noon.	Saturday, 19th March, 10—12 noon.
		Geology,	Do., do., 1—3 p.m.	Do., do., 1—3 p.m.
		Zoology,	Monday, 4th Oct., 10—12 noon.	Monday, 21st March, 10—12 noon.
		Botany,	Do., do., 12.30—2.30 p.m.	Do., do., 12.30—2.30 p.m.
		Chemistry,	Do., do., 3—5 p.m.	Do., do., 3—5 p.m.
22nd Sept. or 1st March		French (1st Paper),	Tuesday, 28th Sept., 3—4.30 p.m.	Tuesday, 29th March, 3—4.30 p.m.
		Do. (2nd Paper),	Thursday, 30th Sept., 3—5 p.m.	Thursday, 31st March, 3—5 p.m.
		German (1st Paper),	Wednesday, 29th Sept., 3—4.30 p.m.	Wednesday, 30th March, 3—4.30 p.m.
		Do. (2nd Paper),	Friday, 1st Oct., 9—11 a.m.	Friday, 1st April, 9—11 a.m.
		Political Economy,	Saturday, 2nd Oct., 9—12 noon.	Saturday, 19th March, 9—12 noon.
		Philosophy of Law,	Monday, 4th Oct., 9—12 noon.	Monday, 21st March, 9—12 noon.
		Public Law,	Tuesday, 5th Oct., 2—5 p.m.	Tuesday, 22nd March, 2—5 p.m.
		Education,	Do., do., 9—12 and 2—5 p.m.	Do., do., 9—12 and 2—5 p.m.
		Roman Law,	Wednesday, 6th Oct., 9—12 noon.	Wednesday, 23rd March, 9—12 noon.
		Constitutional Law and History,	Do., do., 2—5 p.m.	Do., do., 2—5 p.m.
		History,	Thurs., 7th Oct., 9—12 and 2—5 p.m.	Friday, 25th March, 9—12 and 2—5 p.m.
		Mathematics,	Friday, 8th Oct., 10—1 and 2—5 p.m.	Friday, 1st April, 10—1 and 2—5 p.m.
		Natural Philosophy,	Saturday, 9th Oct., 10—1 and 2—5 p.m.	Saturday, 2nd April, 10—1 and 2—5 p.m.
		Latin,	Monday, 11th Oct., 10—12, 1—3, and 4—6 p.m.	Monday, 28th March, 10—12, 1—3, and 4—6 p.m.
		Greek,	Tuesday, 12th Oct., 10—12, 1—3, and 4—6 p.m.	Tuesday, 29th March, 10—12, 1—3, and 4—6 p.m.
		Latin and Greek,	Thursday, 14th Oct., and following days at 11 a.m. (Orals.)	Thursday, 31st March, and following days at 11 a.m. (Orals.)
		Do. do.,	Friday, 15th Oct., 2—5 p.m. (Honours.)	Saturday, 26th March, 3—6 p.m. (Honours.)
		Logic,	Wednesday, 13th Oct., 10—1 and (Hon.) 2—5 p.m.	Wednesday, 30th March, 10—1 and (Hon.) 2—5 p.m.
		Moral Philosophy,	Thursday, 14th Oct., 10—1 and (Hon.) 2—5 p.m.	Thursday, 31st March, 10—1 and (Hon.) 2—5 p.m.
		English Literature,	Friday, 15th Oct., 10—1 p.m.	Saturday, 26th March, 10—1 p.m.
		Hebrew,	Saturday, 16th Oct., 10—1 & 2—5 p.m.	Thurs., 24th March, 10—1 and 2—5 p.m.

---

[1] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be admitted to examination. A candidate is not held to be entered for the examination until his name is entered, the fee paid, and all the necessary certificates, etc., lodged.

2.—GRADUATION IN SCIENCE.

The Scottish University Commissioners (1889) have ordained that two Degrees in Science may be conferred by each of the Universities of Scotland—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.). These degrees may be given in Pure Science and in Applied Science.

Degrees in Pure Science.

The following are the provisions of Ordinances No. 12[1] and No. 42 as they apply to this University:—

I. Two Degrees in Science may be conferred by the University of Glasgow—viz., Bachelor of Science (B.Sc.) and Doctor of Science (D.Sc.).

II. Every candidate for the Degree of Bachelor of Science must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for Degrees in Arts); and the conditions with respect thereto imposed by that ordinance (see pp. 151—157, 162) are applicable in all respects to candidates for the Degree of Bachelor of Science, except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard[2]; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus, exempts from the Preliminary Examination.

III. (1) Candidates for the Degree of Bachelor of Science must, in the course of not less than three academical years, attend at least seven courses of instruction, in subjects prescribed for examination under Sections VIII. and IX. below.

(2) Three of these courses must be in subjects prescribed for the First Science Examination under Section VIII.; and four must be in subjects prescribed for the Final Science Examination under Section IX.

IV. (1) Four of the seven courses must be taken in this University.

(2) Three may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science: Provided that the fees for attendance at an approved Institution or under a recognized teacher in Glasgow shall not be less than the fees exigible for the corresponding courses in the University.

V. All candidates, not matriculated students of the University, availing themselves of the permission to attend lectures at approved Institutions or by recognized teachers in Glasgow, shall at the commencement of each year of such attendance enrol their names in a book to be kept for that purpose in the University, paying a fee of the same amount as the

---

[1] This ordinance was printed in full in the *University Calendar* for 1892-93, pp. 485-488, and the modifications made by Ordinance No. 42 were indicated, by means of square brackets, in the *University Calendar* for 1894-95.

[2] A student who, having passed the Arts Preliminary Examination in accordance with the provisions of Ordinance No. 11, has thereafter obtained a certificate of attendance on a qualifying class of Mathematics, shall not be required to pass any further examination in Mathematics as a condition of entering on the course of study for graduation in Science under the provisions of Ordinance No. 12. See Ordinance No. 44, Section V.

Matriculation Fee paid by students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) After receiving through the Faculty of Science the opinion of the Board of Studies, the Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) After receiving through the Faculty of Science the opinion of the Board of Studies, the Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; but two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of each Professor and Lecturer annually at the end of each winter session to submit to the Board of Studies a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Board of Studies shall transmit the schemes to the Faculty of Science, who shall submit them to the Senate with such observations as they may think fit to make thereon. The Senatus transmits such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its consideration, a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science transmits such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the preceding section do not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless they shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

VIII. (1) There is a First Science Examination[1] in the three following subjects—viz., (1) Mathematics or Biology (*i.e.* Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects is the same as the examination in these subjects for the Ordinary Degree of Master of Arts.

(3) Candidates may present themselves in any one or more of these subjects at any examination held after they have attended a full course in the subject or subjects professed.

IX. (1) There is a Final Science Examination[1] on a higher standard in any three or more of the following subjects:—

1. Mathematics.
2. Natural Philosophy.
3. Astronomy.
4. Chemistry.
5. Human Anatomy, including Anthropology.
6. Physiology.
7. Geology, including Mineralogy.
8. Zoology, including Comparative Anatomy.
9. Botany, including Vegetable Physiology.

---

[1] This examination includes practical work in the subjects admitting of, or requiring it.

(2) The standard of this examination shall be as nearly as possible equivalent to that of the examination for the Degree of Master of Arts with Honours, where the subjects are different; and where the subjects are the same the examination shall be identical.

(3) A subject already taken under the preceding section for the First Science Examination may be taken also under this section for the Final Science Examination.

(4) Candidates presenting themselves for this examination must have attended four full courses of higher instruction, including practical or laboratory work, in the subjects professed, subject always to the provisions of Sections VI. and VII. hereof.

(5) The Final Science Examination shall be taken not less than one year after the candidate has passed the First Science Examination.

The Senate, with the approval of the University Court, has framed the following regulation for the Final Science Examination, viz.: A candidate shall be allowed the option of presenting himself in any one subject for the Final Science Examination, or in two, or in three or more at one time, provided always that if the candidate select Mathematics and Natural Philosophy, these subjects shall be taken together in one examination, in accordance with Ordinance No. 11, Section XIII. (1) and Ordinance No. 12, Section IX. (2).

X. If a student, before passing the Preliminary Examination, has attended a class qualifying for graduation, the Senatus may, on special cause shown, permit him to count such class for graduation, on condition of his passing the full Preliminary Examination within such time thereafter as the Senatus may appoint, and in every case the Senatus shall make a report to the University Court setting forth the reasons for the relaxation.

XI. A candidate for the degree of Bachelor of Science shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. It is competent to the Examiners for the degree of Bachelor of Science to report that a candidate has passed with special distinction in one or more of the subjects professed by him: and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

Degree in Applied Science.

XIII. Degrees in Applied Science may be instituted and conferred according to regulations to be laid down in special Ordinances applicable to each University by the Commissioners under the Universities (Scotland) Act, 1889; or after the expiry of their powers by the University Court in each University.

XIV. The provisions of Sections II. to VIII. of this Ordinance inclusive, in so far as they relate to the Preliminary and First Science Examinations, shall be applicable in all respects to degrees in Applied Science instituted as aforesaid, except where special provision is made to the contrary in the special Ordinances aforesaid.

DOCTORATE OF SCIENCE.

XV. Graduates of any University who have held the degree of Bachelor of Science for a term of five years, may offer themselves for the degree of Doctor of Science in the same University.

XVI. A candidate for the Degree of Doctor of Science shall present a thesis or a published memoir or work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration, signed by him, that the work has been done and the thesis composed by himself.

GENERAL.

XVII. A student who, at the time when this ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in any of the Scottish Universities under regulations in force at the time in such University, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this ordinance, may become a candidate for the Degree of Bachelor of Science.

XVIII. The Degrees of Bachelor and Doctor of Science shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIX. This ordinance came into force on 1st October, 1892.

For Dates of Examinations, see Table on page 187.

Degrees in Science in Engineering.

The following are the provisions of Ordinance No. 23, Glasgow No. 2:—

I. Two Degrees in Science in Engineering may be conferred by the University of Glasgow, viz., Bachelor of Science in Engineering and Doctor of Science in Engineering.

II. Every candidate for the degree of Bachelor of Science in Engineering must pass the Preliminary Examination prescribed by Ordinance No. 11 (Regulations for degrees in Arts); and the conditions with respect thereto imposed by the said ordinance (see pp. 151—157, 162) are applicable in all respects to this ordinance except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics must be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, exempts from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

---

[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the *University Calendar* for 1884-85; those who began in 1890, or 1891, or 1892 may qualify under the regulations contained in the *Calendar* for 1892-93.

III. Candidates must in the course of not less than three academical years attend at least the nine courses of instruction prescribed under Section IX. below.

IV. (1) Five of the nine courses must be taken in this University. One of these courses must be a course in Engineering.

(2) Four may be taken in other Universities or institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Engineering: Provided that the fees for attendance at an approved institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

V. It is competent to the University Court to admit to the examinations for the degree of Bachelor of Science in Engineering, and to graduation, any candidate who presents the diploma of the Glasgow and West of Scotland Technical College, and who has passed the Preliminary Examination hereinbefore appointed : Provided that before such candidate shall be admitted to the Final Science Examination prescribed under Section XI. hereof :—

(1) He shall, after having received the said diploma, have attended in this University at least three full courses, during at least one academical year; and of these courses one at least shall be in Engineering.

(2) He shall, after having received the said diploma, have attended in this University such courses as will, along with the classes taken at the said College for the said diploma, be equivalent to the whole courses for the curriculum hereinafter instituted.

VI. The University Court may make regulations to enable candidates not matriculated students of the University availing themselves of the permission to attend Lectures at approved institutions or by recognized teachers in Glasgow, to obtain on payment of a fee not exceeding in amount the Matriculation Fee paid by the students of the University, a right to the use of the Library of the University.

VII. (1) The Senatus determines from time to time the number of meetings of which a full course in any subject shall consist, and reports its determination to the University Court for its approval.

(2) The Senatus, with the approval of the University Court, may sanction half courses of not less than half the number of meetings which constitute a full course in the subject; and two half courses shall be held to be equivalent to a full course in such cases as the Senatus, with the approval of the University Court, may determine, and under such regulations as may from time to time be made for that purpose.

(3) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(4) It is the duty of the Professors and Lecturers annually at the end of each winter session to submit to the Faculty of Science, for its con-

sideration, a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VIII. The provisions of the preceding section do not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow.

IX. The subjects of study shall be as follows:—

1. Mathematics, including Analytical Geometry, and Differential and Integral Calculus.
2. Natural Philosophy, including Applied Higher Mathematics.
3. Chemistry.
4. A course in the Physical Laboratory, or in the Chemical Laboratory, or of Practical Chemistry.

and either:—

5, 6. Two courses in Engineering, including Laboratory Practice.
7, 8. Two courses of practical work in Drawing.
9. A course in one of the following:—
    (*a*) Astronomy and Geodesy.
    (*b*) Geology and Mineralogy.
    (*c*) Naval Architecture.
    (*d*) Engineering Laboratory, Mechanical or Electrical (Special Course).
    (*e*) Electricity—Pure and Applied.

or:—

5, 6. Two courses in Naval Architecture with Marine Engineering.
7, 8. Two courses of practical work in Ship and Engineering Drawing.
9. A course in Engineering, including Laboratory Practice.

Provided that during the three years immediately subsequent to the date on which this ordinance shall come into force, the courses in Engineering herein prescribed shall not necessarily include Laboratory Practice.

X. (1) There shall be a First Science Examination[1] in subjects 1, 2, 3, and 4 of the section immediately preceding.

(2) The examination in (1) Mathematics and (2) Natural Philosophy shall include the higher branches of Mathematics specified under Mathematics and the higher Mathematics included under Natural Philosophy in the section immediately preceding; but it shall be optional to candidates to pass the same examination in either or both of these subjects as that required for the Ordinary Degree of Master of Arts: Provided that in that case they shall be required before graduation to pass a subsequent examination in the remainder of the subject or subjects.

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

XI. (1) There shall be a Final Science Examination[1] in subjects 5, 6, 7,

---

[1] This examination includes practical work in the subjects admitting of, or requiring it: Provided that, in the case of Engineering Students, a practical examination shall be passed in Chemistry or Physics according as the Chemical or the Physical Laboratory Course has been chosen as part of the qualifying curriculum.

8, and 9 of Section IX. hereof; and, if required, in the higher branches of Mathematics as provided in Section X., Sub-section 2 hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the First Science Examination and have attended the required courses in the subject or subjects professed: Provided that for this purpose subjects 5, 6, 7, and 8, specified in Section IX. hereof, shall be deemed one subject.

XII. A candidate for the degree of Bachelor of Science in Engineering shall not be deemed to have attended a class as part of the curriculum for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

XIII. It is competent to the Examiners for the degree of Bachelor of Science in Engineering to report that a candidate has passed with special distinction in one or more of the subjects professed by him; and in such a case a diploma shall be given setting forth the subjects in respect of which the degree has been granted, and the subject or subjects in which special distinction has been obtained.

XIV. It is competent to the University Court of the University of Glasgow to modify from time to time the provisions as to curriculum hereinbefore contained, in case such modification shall be rendered desirable by the development of Engineering Science, or in consequence of further provisions having been made within or without the University for the study of any special branch of the said Science: Provided that in no case shall the number of full courses of study required be less than the number required for the Degree of Bachelor of Science in Pure Science, as specified in Ordinance No. 12.

Doctorate of Science in Engineering.

XV. Graduates of the University of Glasgow who have held the degree of Bachelor of Science in Engineering for a term of five years, may offer themselves for the degree of Doctor of Science in Engineering in the said University.

XVI. A candidate for the degree of Doctor of Science in Engineering shall present a thesis or a published memoir or work to be approved by the Senatus (on the recommendation of the Faculty of Science when duly constituted): Provided that, if required by the Senatus, the candidate shall be bound to pass such an examination as may from time to time be determined.

The thesis shall be a record of original research undertaken by the candidate, or of important engineering work designed by himself, and actually carried out, and shall be accompanied by a declaration, signed by him, that these conditions have been satisfied.

General.

XVII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this ordinance, and who have passed the necessary examinations, shall be entitled to receive the degrees of Bachelor of Science in Engineering and Doctor of Science in Engineering, as the case may be, on payment of the fees required.

XVIII. A student who, at the time when this ordinance shall come into operation, shall have completed a part of his course of study with a view to graduation in Science in Engineering in the University of Glasgow, under regulations in force at the time therein, and shall thereafter complete his course of study and pass the necessary examinations in conformity with such regulations,[1] or with the provisions of this Ordinance, may become a candidate for the degree of Bachelor of Science in Engineering.

XIX. The degrees of Bachelor and Doctor of Science in Engineering shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum.*

XX. This Ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

For Dates of Examinations, see Table on page 187.

DEGREES IN SCIENCE IN AGRICULTURE.

The regulations for the Degree of Bachelor of Science in Agriculture are contained in Ordinance No. 134 of the Universities Commission (1889), and are as follows:—

I. A degree of Bachelor of Science in Agriculture may be conferred by the University of Glasgow.

II. Every candidate for the degree of Bachelor of Science in Agriculture must pass the Preliminary Examination prescribed by Ordinance No. 11 [General, No. 6—Regulations for Degrees in Arts]; and the conditions with respect thereto imposed by the said Ordinance (see pp. 151—157, 162) shall be applicable in all respects to this Ordinance, except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics shall be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causâ tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognized for the purpose by the University Court after consultation with the Senatus Academicus, shall exempt from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. (1) Candidates must in the course of not less than three Academical years, within the meaning of the Ordinance hereinbefore first mentioned, attend at least twelve courses of instruction, in the subjects specified in Section VIII. of this Ordinance.

(2) It shall be the duty of the Senatus to determine from time to time which of the said courses shall be full courses and which shall be half courses respectively, and also to determine the number of meetings of which such full courses and half courses respectively shall consist, and to report its determination to the University Court for its approval.

IV. (1) Five full courses or their equivalent (counting two half courses as one full course) must be taken in the University of Glasgow.

---

[1] Students who began their course previous to 1890 may qualify themselves for the Degree of B.Sc. under the old regulations, which are given in the *University Calendar* for 1884-85; those who began in 1890, or 1891, or 1892 may qualify under the regulations contained in the *Calendar* for 1892-93.

The course in Agriculture and Rural Economy must also be taken in the University of Glasgow, if instruction in the said subjects be provided in the University, or in the Glasgow and West of Scotland Technical College: Provided always that that course in the said College shall be accepted as equivalent to a course in the University, subject to the following conditions:—

(*a*) The Senatus Academicus shall be represented on the governing body of the Technical College.

(*b*) All future appointments to the Chair of Agriculture in the Technical College shall be vested in a Joint Committee, consisting of three members of the University Court and of three members of the governing body of the Technical College.

(2) The remainder of the said courses may be taken in other Universities or Institutions approved by the University Court, or under teachers recognized by the University Court for purposes of graduation in Science in Agriculture: Provided that the fees for attendance at an approved Institution in Glasgow or under a recognized teacher there shall not be less than the fees exigible for the corresponding courses in the University of Glasgow.

(3) Residence and practical work at a farm shall be required of each candidate to such an extent and under such regulations as the Senatus, with the approval of the University Court, may from time to time appoint.

V. All students availing themselves of the permission to attend the lectures of the teachers in the various departments of Agriculture in the Glasgow and West of Scotland Technical College, or of teachers in other approved institutions in Glasgow, or of other recognized teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the matriculation fee paid by the students of the University, and having in respect of such payment a right to the use of the Library of the University.

VI. (1) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(2) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Faculty of Science for its consideration a syllabus of the subjects and books proposed for the work of their classes during the next Academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VII. The provisions of the immediately preceding section shall not apply to approved institutions or recognized teachers outside Glasgow; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of Glasgow, where such exist.

VIII. The subjects of study shall be as follows:—

1. Mathematics or Biology (*i.e.*, Zoology and Botany).
2. Natural Philosophy.
3. Chemistry.
4. Agriculture and Rural Economy.
5. Agricultural Chemistry.
6. Geology.
7. Veterinary Hygiene.
8. Agricultural Botany.
9. Agricultural Entomology.
10. Economic Science as applied to Agriculture.
11. A course in one of the following:—
    - (*a*) Forestry.
    - (*b*) Experimental Physics.
    - (*c*) Engineering.
12. Engineering Field Work.

IX. (1) There shall be a First Science Examination in the three following subjects—viz., (1) Mathematics or Biology (*i.e.*, Zoology and Botany); (2) Natural Philosophy; (3) Chemistry.

(2) The examination in all these subjects shall be the same as the examination in these subjects for the degree of Bachelor of Science, under the provisions of Ordinance No. 12 [General, No. 7—Regulations for Degrees in Science].

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

X. (1) There shall be a Final Science Examination in the remaining subjects (4 to 12 inclusive) specified in Section VIII. hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the whole of the subjects comprised in the First Science Examination, and have attended the required courses in the subjects professed.

XI. A candidate for the degree of Bachelor of Science in Agriculture shall not be deemed to have attended a class as part of the Curriculum for that degree who does not present a certificate bearing, not only that he has given regular attendance, but also that he has duly performed the work of the class.

XII. The Examiners for the degree of Bachelor of Science in Agriculture shall be the Professors of the subjects in the Curriculum in the University of Glasgow, the Professor of Agriculture in the Glasgow and West of Scotland Technical College, and such additional Examiners as the University Court shall see fit to appoint.

GENERAL.

XIII. Candidates who produce certificates that they have satisfied all the conditions prescribed by this Ordinance, and who have passed the necessary examinations, shall be entitled to receive the degree of Bachelor of Science in Agriculture, on payment of the fees required.

XIV. The degree of Bachelor of Science in Agriculture shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causâ tantum.*

XV. This ordinance came into force from and after the date on which it was approved by Her Majesty in Council.

CERTIFICATE OF PROFICIENCY IN ENGINEERING SCIENCE.

Certificates of Proficiency in Engineering Science will be granted to students who shall have gone through the following course of study, practical work, and examinations, to the satisfaction of the Board of Examiners :—

There is no fixed order in which the classes must be taken, but the following is the usual course.

FIRST YEAR—

Inorganic Chemistry, 5 days weekly, beginning in Oct., 10 A.M.

(*Chemical Laboratory may be taken in this or any other year, Winter or Summer Session, if selected as part of the course. See below—Third Year.*)

Mathematics,[1] First or Second Class, 5 days weekly, 9 A.M. or 12 noon.

Engineering, Class I., Mondays, Wednesdays, and Fridays, - 8 A.M.

Engineering Drawing and Calculations.

SECOND YEAR—

Natural Philosophy, 5 days weekly, - - - - - - 9 A.M.

Mathematics, either Second or Intermediate Honours Class, 5 days weekly, - - - - 9 A.M. or 12 noon, or 10 A.M.

Geology and Mineralogy, 5 days weekly, beginning in January, 5.30 P.M.

Engineering, Class II. or III., Tuesdays, Thursdays, and Saturdays (in this or other year), - - - - - 8 A.M.

Engineering Drawing and Calculations.

THIRD YEAR—

Intermediate Honours Mathematics, if not previously attended, 5 days weekly, - - - - - - - - 10 A.M.

Physical Laboratory, about 2 hours on 3 days weekly, or Chemical Laboratory, 5 days weekly; or the Chemical Laboratory can be attended in any year in summer instead.

Engineering, Class IV., 5 days weekly, - - - - 9 A.M.

No candidate is admitted to the special examination for the certificate, in any department, till he has given regular attendance upon, and duly performed the work of the prescribed course of study in that department.

Attendance on the classes of Mathematics, Natural Philosophy, Chemistry, or Geology, in any Chartered University in the United Kingdom having the power of granting degrees, is admitted as part of the course for the above-mentioned certificate ; but all examinations for the certificate must be passed in this University.

Candidates for Certificates of Proficiency in Engineering Science, who are graduates in Arts of any Chartered University of the United Kingdom, are exempted from study and examination in Mathematics and Natural Philosophy.

---

[1] Students who, on entering the University, show themselves qualified to enter the Intermediate Honours Mathematical Class, by passing the mathematical part of the Preliminary Examination in Arts, are not required to attend the First or the Second Class of Mathematics.

TABLE OF EXAMINATIONS FOR DEGREE OF B.SC., TO BE HELD DURING SESSION 1897-98.

Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set. The Oral Examinations in Science follow immediately after the Written.							
16th Sept., 1897	£1 1s. for each subject until £3 3s. shall have been paid.	Sat.,	2nd Oct.,	Astronomy,	10—12 noon.	Geology,	1—3 p.m.		
		Mon.,	4th ,,	Zoology,	10—12 noon.	Botany,	12.30—2.30 p.m.	Chemistry,	3—5 p.m.
		Tues.,	5th ,,	Engineering Drawing, etc.,	10—12 noon.	Naval Architecture,	12.30—2.30 p.m.	Ship Drawing, etc.,	3—5 p.m.
		Tues.,	5th ,,	Anatomy,	10—12 noon.	Physiology,	12.30—2.30 p.m.		
		Wed.,	6th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Thur.,	7th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Fri.,	8th ,,	Mathematics,	10—1 p.m., and 2—5 p.m.				
		Sat.,	9th ,,	Natural Philosophy,	10—1 p.m., and 2—5 p.m.				
3rd Mar., 1898		Sat.,	19th Mar.,	Astronomy,	10—12 noon.	Geology,	1—3 p.m.		
		Mon.,	21st ,,	Zoology,	10—12 noon.	Botany,	12.30—2.30 p.m.	Chemistry,	3—5 p.m.
		Tues.,	22nd ,,	Engineering Drawing, etc.,	10—12 noon.	Naval Architecture,	12.30—2.30 p.m.	Ship Drawing, etc.,	3—5 p.m.
		Tues.,	22nd ,,	Anatomy,	10—12 noon.	Physiology,	12.30—2.30 p.m.		
		Wed.,	23rd ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Thur.,	24th ,,	Civil Engineering,	10—12 noon, and 2—5 p.m.				
		Fri.,	1st April,	Mathematics,	10—1 p.m., and 2—5 p.m.				
		Sat.,	2nd ,,	Natural Philosophy,	10—1 p.m., and 2—5 p.m.				

---

[1] When Names are not given in and Fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be admitted to examination. A candidate is not held to be entered for the examination until his Name is entered, the Fee paid, and all the necessary Certificates, etc., lodged.

For Dates in regard to Science Preliminary Examination see page 155.

3.—HIGHER DEGREES IN ARTS AND SCIENCE.

In Ordinance No. 62, issued on 15th February, 1895, the Universities Commission made the following regulations for Higher Degrees in Arts and Science :—

Degree of D.Sc.

I. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mathematics and Natural Philosophy under the conditions prescribed by Ordinance No. 11 (Regulations for degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Science (D.Sc.) in the same University after the expiry of five years from the date of their graduation in Arts, under the same conditions as if they held the degree of Bachelor of Science.

II. Research Students within the meaning of Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research and for the appointment of Research Fellows), may offer themselves for the degree of Doctor of Science of the University in which they have prosecuted some special study or research under that ordinance, although they have not taken the degree of Bachelor of Science or the degree of Master of Arts with Honours as aforesaid, in that University : Provided—

(1) That they hold the degree of Bachelor of Science or Bachelor of Medicine of a Scottish or any recognized University, or a degree of any such University, which the Senatus Academicus shall hold to be equivalent to the degree of Bachelor of Science or to the degree of Master of Arts with first or second class honours in Mathematics and Natural Philosophy : Provided that candidates who hold any such degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Science, to pass an examination equivalent to an Honours or to a Final Science Examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and that they produce evidence of satisfactory progress in the special study or research undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

III. All candidates for the degree of Doctor of Science shall present a thesis or a published memoir or work, to be approved by the Senatus on the recommendation of the Faculty of Science : Provided that, if required by the Senatus, the candidate shall also be bound to pass such an examination conducted orally or practically, or by written papers, or by all of these methods, on the subjects of his special study or of his thesis, as may from time to time be determined. The thesis shall be a record of original research undertaken by the candidate, and shall be accompanied by a declaration signed by him that the work has been done and the thesis composed by himself.

Degree of D.Phil.

IV. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in Mental Philosophy, under the conditions prescribed by Ordinance No. 11 (Regulations for Degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Philosophy (D. Phil.) in the same University after the expiry of five years from the date of such graduation.

V. Research Students as aforesaid may offer themselves for the degree of Doctor of Philosophy of the University in which they have prosecuted some special study under Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research, and for the appointment of Research Fellows), although they have not taken the degree of Master of Arts with Honours as aforesaid in that University: Provided—

(1) That they hold the degree of Master of Arts with first or second class honours in Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid: Provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students, with a view to the degree of Doctor of Philosophy, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

VI. All candidates for the degree of Doctor of Philosophy shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a Committee appointed by the Senatus: Provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

DEGREE OF D.LITT.

VII. Graduates who have taken the degree of Master of Arts in any Scottish University with first or second class honours in any group other than Mathematics and Natural Philosophy or Mental Philosophy, under the conditions prescribed by Ordinance No. 11 (Regulations for Degrees in Arts), or under the regulations previously in force in such University, may offer themselves for the degree of Doctor of Letters (D.Litt.) in the same University after the expiry of five years from the date of such graduation.

VIII. Research Students as aforesaid may offer themselves for the degree of Doctor of Letters of the University in which they have prosecuted some special study under Ordinance No. 61 (Regulations for the Encouragement of Special Study and Research, and for the Appointment of Research Fellows), although they have not taken the degree of Master of Arts with Honours as aforesaid in that University: Provided—

(1) That they hold the degree of Master of Arts with first or second class honours in any group except Mathematics and Natural Philosophy or Mental Philosophy of any Scottish University, or a degree of any recognized University, which the Senatus Academicus shall hold to be equivalent to such degree with honours as aforesaid: Provided that candidates who hold such a degree from a University outside the United Kingdom may be required, if the Senatus think fit, before beginning their course as Research Students with a view to the degree of Doctor of Letters, to pass an examination equivalent to an honours examination in a group of subjects cognate to their line of work as Research Students.

(2) That they have spent not less than two winter sessions or an equivalent period as Research Students in the University granting the degree, and produce evidence of satisfactory progress in the special study undertaken by them during that period.

(3) That a period of not less than five years shall have elapsed from the date of the graduation required in sub-section (1) of this section.

IX. All candidates for the degree of Doctor of Letters shall present a thesis or a published memoir or work, which shall be an original contribution to learning, to be approved by the Senatus Academicus on the recommendation of a committee appointed by the Senatus: Provided that, if required by the Senatus, a candidate shall also be bound to pass such examination, conducted orally or otherwise, on the subject of his thesis or of his special study as may from time to time be determined. The thesis, or memoir, or work shall be accompanied by a declaration signed by the candidate that it has been composed by himself. If the thesis has not already been published, it shall be published by the candidate in such manner as the Senatus shall approve.

GENERAL.

X. The Senatus Academicus in each University shall appoint such Professors or Lecturers as it may think suitable to conduct the examination of candidates who may offer themselves under the provisions either of Ordinance No. 12 (Regulations for Degrees in Science) or of this ordinance, for the degree of Doctor of Science, Doctor of Philosophy, or Doctor of Letters; and the University Court shall, after consultation with the Senatus Academicus, appoint an additional Examiner to act along with them. Such additional Examiner shall be a person of recognized eminence in the subject of the thesis, or memoir, or work which is to be submitted for approval. The result of the examination shall be reported to the appropriate Faculty or Committee of Senatus.

XI. The Degrees of Doctor of Science in Mental Science or Doctor of Science in Philology shall no longer be conferred by any Scottish University.

XII. Candidates who have already completed the necessary attendance on classes required for the degree of Doctor of Science in Mental Science or Doctor of Science in Philology, under regulations hitherto in force in any Scottish University, may proceed to the degree of Doctor of Philosophy, or of Doctor of Letters, as the case may be, under this ordinance: Provided such candidates comply with the provisions of Section VI. or Section IX. hereof, as the case may be, and that a period of not less than five years shall have elapsed from the date of their graduation as Masters of Arts.

XIII. The degrees of Doctor of Science, Doctor of Philosophy, and Doctor of Letters shall in no case be conferred on persons who have not satisfied the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

XIV. The fee to be paid for the degree of Doctor of Philosophy shall be ten guineas.

XV. The fee to be paid for the degree of Doctor of Letters shall be ten guineas.

4. GRADUATION IN MEDICINE AND SURGERY.

The Degrees in Medicine and Surgery conferred by this University are all recognised by the Medical Acts as qualifying for practice throughout the British dominions, and for admission to the Army, Navy, and Public Medical Service.

Every student who began his medical studies previous to 1st January, 1892, is entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[1] or after that date. All others must fulfil the requirements of the new ordinance—

---

[1] These regulations may be found at pp. 188—192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

(Ordinance No. 14, Glasgow No. 1—Regulations for Degrees in Medicine)—the principal provisions of which are as follows :—

I. Four degrees in Medicine and Surgery are conferred by the University of Glasgow, viz., Bachelor of Medicine (M.B.), Bachelor of Surgery (Ch.B.), Doctor of Medicine (M.D.), and Master of Surgery (Ch.M.). The Degree of Bachelor of Surgery shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Medicine, and the Degree of Bachelor of Medicine shall not be conferred on any person who does not at the same time obtain the Degree of Bachelor of Surgery.

II. Subject to regulations to be made from time to time by the University Court, the University may also confer diplomas in Special Branches of Medical and Surgical Practice on graduates of the University in Medicine and Surgery.

III. Before commencing his medical studies, each student shall pass a Preliminary Examination in (1) English, (2) Latin, (3) Elementary Mathematics, and (4) Greek or French or German : Provided always that, in the case of a candidate whose native language is not English, an examination in the native language of the candidate may be substituted for one in either French or German, and an examination in any other classical language for one in Latin or Greek.[1]

IV. The extent and standard of the Preliminary Examination shall be determined by the Joint-Board of Examiners constituted under Ordinance No. 13 (Regulations as to Examinations) in accordance with the terms of that ordinance.

Under this section the Joint-Board have directed that for the Medical Preliminary Examination the papers set in Latin, Greek, and Mathematics shall be the same as those set on the lower standard in these subjects in the Arts and Science Preliminary Examination.[2]

The papers set in English, in and after April, 1897, shall no longer be of the same character as the paper on English in the Arts and Science Preliminary Examination; no set books shall be prescribed, nor shall a general knowledge of the life and works of the greater authors be expected of candidates, but one or two questions may be set, giving an opportunity to candidates to show a knowledge of famous literary works. The historical questions shall not be confined to any one period, but shall cover the whole of British History, and shall be set in such a way as to give an opportunity to candidates who have confined their studies to a single period to show their knowledge. A single three hours' paper shall be set, containing an Essay, a Paraphrase, two questions on History, two on Geography, four on Grammar (including correction of sentences, parsing, analysis of sentences, and derivations), two of a literary and general kind. Eight answers shall be required. The Essay, the Paraphrase, one answer on History and one on Geography shall be compulsory.

---

[1] The candidate for the Degrees of Bachelor of Medicine and Bachelor of Surgery must have been registered in the books of the General Medical Council at least five years prior to the date of his graduation. In order to be so registered he must transmit to James Robertson, Esq., the Scottish Branch Registrar, 1 George Square, Edinburgh, together with a printed form of application, which may be obtained from the Assistant Clerk (Matriculation Office, University), a certificate of having passed the Preliminary Examination.

[2] For details see pp. 151—153.

The papers set in French and German shall be of a lower standard than those set in these subjects in the Arts and Science Preliminary Examination. In each case a single three hours' paper will be set, containing a passage in English to be translated into French or German as the case may be, English sentences to be translated, questions in Grammar, and two pieces for translation into English.

It shall be in the option of any candidate for the Medical Preliminary to take the papers set on the higher standard for the Arts Preliminary in any of the subjects.

Excellence in one or more subjects will be permitted to compensate in some measure for deficiency in any of the other subjects. Such excellence may be shown either by attaining a high percentage of marks on the lower standard, or by passing on the higher standard.

Candidates who, having taken English, Latin, Greek, Mathematics, or a Modern Language, on the higher standard, as prescribed by the Arts Ordinance for the Arts and Science Preliminary, have obtained a satisfactory percentage of marks, shall be held to have passed the Medical Preliminary in these subjects: Provided that all the subjects required by the regulations of the General Medical Council are taken at the same time.

V. The Preliminary Examination shall be conducted in accordance with the provisions of Ordinance No. 13 (Regulations as to Examinations), and, subject to the provisions of the immediately succeeding section hereof, the entire examination shall be passed at one and the same time.

VI. A degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination; and the Joint-Board of Examiners appointed under the provisions of Ordinance No. 13 (Regulations as to Examinations) shall have power to determine what examinations, other than those for the degrees hereinbefore mentioned, shall be accepted, either in whole or in part, in place of the Preliminary Examination.

The Joint-Board have issued the following rules under the heading—Examinations accepted as exempting from the Preliminary Examination in Medicine: Provided always that the regulations of the General Medical Council regarding the registration of students of Medicine be complied with:—

1. In terms of the Medical Ordinances, "a degree in Arts or in Science (not being a degree *honoris causa tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University, specially recognised for the purpose by the University Court, shall exempt from the Preliminary Examination."

2. Any candidate who produces a certificate of having passed the Preliminary Examination in Arts or Science in any Scottish University, either at the University Examination or through the Leaving Certificates of the Scotch Education Department, or partly at the

University Examination, and partly through the Leaving Certificates, shall be held to have passed the Preliminary Examination for Medicine: Provided that the examination has included the specified subjects of General Education as required under the Regulations of the General Medical Council, and by Section III. of this ordinance.

3. A candidate who has passed the Arts and Science Preliminary Examination of the Joint-Board in any subject (Higher Standard where there is more than one) recognised for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

4. A candidate who has obtained the Leaving Certificate (Honours or Higher Grade) of the Scotch Education Department in any subject recognised for the Medical Preliminary Examination, shall be exempted from further examination in that subject in the aforesaid Preliminary Examination.

The regulation that all the subjects of the examination shall be passed at one and the same time shall not be held to apply to any of the above cases, 2, 3, and 4. But candidates complying with these Rules (2, 3, and 4) must obtain a University Certificate specifying the examinations passed by them which have been accepted as equivalents to the Preliminary, and must present said certificate to the Medical Registrar in order to registration.

Further, each such candidate when applying for said certificate must, if he has not entered for any part of the Preliminary, produce a Matriculation Card from some one of the Scottish Universities.

5. Lower Grade Leaving Certificates of the Scotch Education Department will only be accepted as exempting from the Medical Preliminary Examination, provided the examinations in all the requisite subjects have been taken and passed at one and the same time.

6. The following English and Irish University Examinations will be accepted (provided they include all the subjects required under the regulations of the General Medical Council, and prescribed by Section III. of this ordinance), viz.:—

OXFORD Responsions—provided the candidate pass the examination of the Joint-Board in English; Moderations.

CAMBRIDGE Previous Examination—provided that candidates who have passed it prior to Michaelmas, 1896, shall pass the examination of the Joint-Board in English. After Michaelmas, 1896, the Previous Examination will be accepted as exempting *in toto*.

OXFORD Senior Local Examinations will be accepted *pro tanto*, provided that, as regards English, the certificate shall bear that the candidate has passed in division 1 of the subject, and in either division 3, 4, or 5.

OXFORD Higher Examination for Women will be accepted *pro tanto*.

CAMBRIDGE Senior Local Examinations will be accepted *pro tanto*.

CAMBRIDGE Higher Local Examinations will be accepted *pro tanto*.

OXFORD and CAMBRIDGE Schools Examination Higher Certificate will be accepted *pro tanto*, provided that, as regards Mathematics, the certificate shall bear that the candidate has passed in both Elementary and Additional Mathematics; the Lower Certificate will be accepted *pro tanto* only till October, 1897, inclusive.

LONDON UNIVERSITY Matriculation Examination.

DUBLIN, TRINITY COLLEGE.—Public Entrance Examination.

ROYAL UNIVERSITY OF IRELAND.—Matriculation Examination.

VICTORIA UNIVERSITY.—Preliminary Examination; Entrance Examination in Arts.

By *pro tanto* is here meant that a certificate of having passed in the examination referred to, in any subject required for the Medical Preliminary Examination, shall, as regards that subject, exempt from further examination in the said Preliminary Examination.

7. The examinations of the following Indian, Colonial, and Foreign Universities and Colleges will be accepted (provided the examinations include all the subjects required by the General Medical Council and prescribed by Section III. of this ordinance), viz.:—

UNIVERSITIES OF (1) CALCUTTA, (2) MADRAS, and (3) BOMBAY.—Entrance Examination.

UNIVERSITIES OF (1) THE CAPE OF GOOD HOPE.—Matriculation Examination; (2) TASMANIA.—Matriculation Examination; (3) NEW ZEALAND.—Matriculation and Medical Preliminary Examinations; (4) MELBOURNE.—Matriculation Examination; (5) SYDNEY.—Matriculation Examination; (6) ADELAIDE.—Matriculation Examination, or its substitute, the Senior or Junior Public Examination.

THE PROVINCIAL EDUCATION DEPARTMENT OF ONTARIO.—Departmental Pass Arts Matriculation Examination.

TRINITY UNIVERSITY, TORONTO.—Matriculation Examination.

THE UNIVERSITY OF TORONTO.—Senior or Junior Matriculation Examination.

QUEEN'S COLLEGE AND UNIVERSITY, KINGSTON.—Matriculation Examination.

M'GILL UNIVERSITY.—Matriculation Examination.

KING'S COLLEGE, WINDSOR, NOVA SCOTIA.—Responsions.

DALHOUSIE COLLEGE, HALIFAX.—Matriculation Examination.

MOUNT ALLISON COLLEGE, SACKVILLE, NEW BRUNSWICK.—Matriculation Examination.

THE UNIVERSITY OF WINNIPEG.—Preliminary Examination in Arts.

VICTORIA COLLEGE, UPPER CANADA.—Matriculation Examination.

THE UNIVERSITY OF HALIFAX, NOVA SCOTIA.—Matriculation Examination.

THE UNIVERSITY OF FREDERICTON, NEW BRUNSWICK.—Matriculation Examination.

THE WESTERN UNIVERSITY OF ONTARIO.—Matriculation Examination.

THE UNIVERSITY OF MANITOBA.—Previous Examination.

CODRINGTON COLLEGE (BARBADOES).—English Certificate for Students of two years' standing, and Latin Certificate, or "Testamur."

GERMANY AND OTHER CONTINENTAL COUNTRIES.—Gymnasial Abiturienten-Examen, and corresponding Entrance Examinations to the Universities.

8. In the case of candidates for the Medical Preliminary Examination, who hold qualifications from Foreign or Colonial Bodies, other than Universities, whose certificates are not included in the list of Equivalent Examinations issued by the Joint-Board, a committee in each University, consisting of the Deans of the Faculties of Arts, Science, and Medicine, is empowered to accept such certificates, if it deems them sufficient, provided that all such cases are reported to the Joint-Board at their meeting next following.

PROFESSIONAL EDUCATION.

VII. Candidates shall be admitted to the Degree of Bachelor of Medicine and Bachelor of Surgery only after they have fulfilled the following conditions:—

1. The candidate must have been engaged in medical study for at least five years.
2. In each of the first four years the candidate must have attended at least two courses of instruction, in one or more of the subjects of study specified in Sub-section 4 hereof—each course extending over a session of not less than five months, either continuous or divided into two terms; or, alternatively, one such course, along with two courses, each extending over a session of not less than two and a half months.
3. During the fifth or final year the candidate shall be engaged in clinical study for at least nine months at one or more of such public hospitals or dispensaries, British or Foreign, as may be recognised for the purpose by the University Court.
4. The candidate must, during his curriculum, have attended a course or courses of instruction in each of the following subjects of study, including such examinations as may be prescribed in the various classes, viz.:—

1. ANATOMY,[1] - - - - - - - -	During a course of not less than five months.
2. PRACTICAL ANATOMY, - - - - -	During two courses of not less than five months each.
3. CHEMISTRY, - - - - - - - -	During courses of not less than five months.
4. MATERIA MEDICA and THERAPEUTICS, - -	
5. PHYSIOLOGY or INSTITUTES OF MEDICINE, -	
6. PRACTICE OF MEDICINE, - - - - -	
7. SURGERY,[1] - - - - - - - -	
8. MIDWIFERY and the DISEASES peculiar to WOMEN and INFANTS. Two courses of Midwifery, of three months each, provided different departments of Obstetric Medicine be taught in each of the courses, shall be reckoned equivalent to a course of not less than five months, - - - - -	
9. PATHOLOGY, - - - - - - -	

---

[1] Students are recommended to take Junior Anatomy in their first winter and to defer taking Systematic Surgery till their third winter.

10. PRACTICAL CHEMISTRY,	During courses of not less than two and a half months.
11. PHYSICS (including the DYNAMICS OF SOLIDS, LIQUIDS, and GASES, and the RUDIMENTS OF SOUND, HEAT, LIGHT, and ELECTRICITY),	
12. ELEMENTARY BOTANY,	
13. ELEMENTARY ZOOLOGY,	
14. PRACTICAL PHYSIOLOGY,	
15. PRACTICAL PATHOLOGY,	
16. MEDICAL JURISPRUDENCE and PUBLIC HEALTH,	

Provided always, in so far as regards the University of Glasgow, that—

(*a*) It shall be the duty of the Senatus to determine from time to time [after receiving through the Faculty of Medicine the opinion of the Board of Studies] the number of meetings of which such courses shall consist, and in what cases two half courses shall be deemed equivalent to a full course; and to report the determination to the University Court for its approval.[1]

(*b*) It shall be the duty of the Professors and Lecturers to submit to the Senatus [after 1st October, 1894, the Board of Studies] annually at the end of the winter session a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. [The Board of Studies shall transmit the schemes to the Faculty of Medicine, who shall submit them to the Senate with such observations as they may think fit to make thereon.] The Senatus shall transmit such schemes, with such observations as it may think fit to make thereon, to the University Court for its approval.[1]

(*c*) The University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the Universities of Scotland.

5. The candidate must have attended for at least three years the Medical and Surgical Practice of a General Hospital at Glasgow or elsewhere, which accommodates not fewer than eighty patients, and possesses a distinct staff of physicians and surgeons, and is recognised for the purpose by the University Court.[2]

6. The candidate must have attended Clinical Surgery during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Surgery, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary surgeons of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.

---

[1] The Universities Commission, on 18th November, 1893, ordained that for the better carrying out of the purposes of these provisos the Senate should institute a Board or Boards of Studies in the Faculty of Medicine. See Section I., Ordinance No. 42, which received the approval of Her Majesty in Council on 28th May, 1894. The provisions of this supplementary ordinance have, in the text, been combined with the provisions of the original ordinance, by means of square brackets.

[2] On 7th October, 1892, the University Court recognised every General Hospital in the United Kingdom which accommodates not fewer than eighty patients, *and possesses a distinct staff of physicians and surgeons.*

7. The candidate must have attended Clinical Medicine during a course or courses extending over not less than nine months. These courses may be conducted by the Professor of Clinical Medicine, or by Professors or Lecturers appointed for the purpose by the University Court, or by the ordinary physicians of a general hospital defined and recognised as hereinbefore provided, and shall consist of regular instruction at the bedside, along with Clinical Lectures.

8. The candidate must have attended a course of instruction in Mental Diseases, of such duration, and so apportioned between lectures, demonstrations, and clinical instruction, as the Senatus, with the approval of the University Court, may from time to time determine.

Under this sub-section the Senate, with the approval of the University Court, has determined that each candidate for the Degree of M.B. and Ch.B. shall be required to attend a course of instruction in Mental Diseases, given by the University Lecturer or by a recognised teacher, consisting of not less than eighteen meetings. Six of these may be class-room lectures, and the others shall be demonstrations in the wards of an asylum for the insane.

9. The candidate must have attended a course of twenty-five meetings on Practical Pharmacy in a University or recognised School of Medicine, or have dispensed drugs for a period of three months in an hospital or dispensary, or in an establishment recognised by the Pharmaceutical Society, *i.e.* in *the establishment of any chemist and druggist or pharmaceutical chemist of Great Britain, or any pharmaceutical chemist of Ireland, who is registered in the books of the Pharmaceutical Society of Great Britain or of the Pharmaceutical Society of Ireland respectively.*[1]

10. The candidate must have attended, for at least six months, by apprenticeship or otherwise, the out-practice of an hospital, or the practice of a dispensary, or of a physician or surgeon, or of a member of the London or Dublin Society of Apothecaries. He must have acted as clerk in the medical and dresser in the surgical wards of a public hospital; and must also have availed himself, to such an extent as may be required by the Senatus, with the approval of the University Court, of opportunities of studying at an hospital or dispensary, *Post-mortem* Examinations, Fevers, Diseases of Children, Ophthalmology, or such other special departments as may from time to time be determined.

Under this sub-section the Senate, with the approval of the University Court, has determined as follows:—

A. Each candidate for M.B. and Ch.B. shall be required to attend—

1. Demonstrations in the *post-mortem* room of a recognised hospital, with practical instruction in making *post-mortem* examinations. The student must have attended during his curriculum at least twenty examinations.

---

[1] The explanatory words in italics are taken from Ordinance No. 54, Section II., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

2. A course of clinical instruction in Fevers, consisting of at least ten meetings in a hospital for infectious diseases containing not less than fifty beds.

3. A practical course of instruction in Ophthalmology of not less than twenty meetings. Six of these may be class-room lectures, and the others shall be for clinical instruction in the wards of a recognised hospital, or in the wards of a hospital and in a dispensary both recognised for the purpose. The course shall include sufficient practical instruction in the methods of examining the eye.

B. Each candidate is also recommended to attend the following:—(*a*) Diseases of Children, (*b*) Diseases of the Ear, (*c*) Diseases of the Throat and Nose, and (*d*) Diseases of the Skin, in short practical courses of ten meetings.

N.B.—This is not to be understood as preventing a teacher in any speciality giving a fuller course to such students as may desire to follow out more fully any particular branch.

11. The candidate must have attended, under the superintendence of a registered medical practitioner, twelve cases of labour, or such additional number as the Senatus, with the sanction of the University Court, may from time to time determine; or have attended for three months the practice of a lying-in hospital, or of the maternity department of a general hospital or other public charitable institution, and have conducted personally six, or such an additional number of cases of labour as the Senatus, with the approval of the University Court, may from time to time determine.

12. The candidate must have been properly instructed in Vaccination at a Public Vaccination Station, by a Public Vaccinator, authorised by the proper Government Authority to grant Certificates of Proficiency in Vaccination.[1]

13. No candidate for a degree shall be deemed to have attended a class as part of the curriculum necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

VIII. With respect to the places and institutions at which the studies of the candidate may be prosecuted, the following regulations shall have effect:—

1. Two of the five years of medical study must be spent in the University of Glasgow, each year of study including always the attendances specified in Section VII., sub-section 2.

2. The remaining three years may be spent in any University of the United Kingdom, or in any Indian, Colonial, or Foreign University recognised for the purpose by the University Court, or in such medical schools or under such teachers as may be recog-

---

[1] The recognised Vaccine Departments in Glasgow are—Western Infirmary, Royal Infirmary, and Faculty of Physicians and Surgeons.

nised for the purpose by the University Court, each year of study during the first four years including always the attendances specified in Section VII., sub-section 2.

3. Of the subjects of study specified in Section VII., sub-section 4, not less than eight must be taken in the University of Glasgow, or (subject always to the provisions as to attendance contained in the immediately preceding sub-sections) in some other University of the United Kingdom, or in some Foreign or Colonial University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court, or in a College incorporated with, or affiliated to a University entitled to confer the Degree of Doctor of Medicine recognised for the purpose by the University Court: Provided always that where in any of said subjects of study two or more courses are required, the taking of one of those courses shall constitute a taking of the subject for the purpose of this sub-section.
4. The remainder of such subjects of study may (subject always as aforesaid) be taken in such medical schools or under such teachers as may be recognised for the purpose by the University Court.
5. All candidates, not Matriculated Students of the University, availing themselves of the permission to attend the Lectures of Extra-Academical Teachers in Glasgow, must, at the commencement of each year of such attendance, enrol their names in a book to be kept in the University for that purpose, paying a fee of the same amount as the Matriculation Fee paid by students of the University, and having, in respect of such payment, a right to the use of the Library of the University.
6. The fee for attendance, for purposes of graduation, on the courses of instruction of recognised Extra-Academical Teachers in Glasgow, shall be not less than the amount exigible for the corresponding courses in the University.
7. The University Court shall not recognise as qualifying for examination in any of the subjects specified in Section VII., sub-section 4, the class of any teacher who is at the time a teacher of more than one of the said subjects, except in those cases where Professors in the University are at liberty to teach two subjects: Provided always that a Professor or other teacher in any endowed public College or institution, who by the terms of his appointment is required to teach more than one subject of medical study therein, may be recognised under sub-section 2 of this section, as a teacher of any one of the subjects which he teaches.
8. A teacher, attendance on whose course of instruction shall, before the date of the approval of this ordinance by her Majesty in Council, have been recognised for the purposes of graduation in the University, shall not require to obtain a new recognition from the University Court; and attendance on the course of instruction of every such teacher may continue to be recognised as heretofore.
9. It shall be in the power of the University Court, if it shall see cause, at any time to withdraw or suspend any recognition which it may have granted.

IX. In the University of Glasgow it shall be the duty of the Professors of the subjects specified in Section VII., sub-section 4 hereof (except Practical Anatomy and such other subjects as the Senatus, with the approval of the University Court, may from time to time determine), so to conduct the courses that Students may receive instruction sufficient for graduation in any one of the said subjects by attendance on one course of five or six months, or of two and a half or three months, as the case may be.[1]

X. If any candidate shall, before presenting himself for his Preliminary Examination, have attended in any University of the United Kingdom, or in any University or Institution specially approved, or under any Teacher specially recognised for the purpose by the University Court, a course or courses of instruction in Physics, Chemistry, Botany, or Zoology, equivalent in the judgment of the Senatus to the qualifying course in the same subject in the University of Glasgow, such attendance shall (notwithstanding anything hereinbefore ordained) be held as entitling him to be examined in these subjects; and if the candidate shall have attended such course or courses in each of the said subjects, he shall be held to have completed his first year of Medical Study: Provided always that the evidence of such attendance at such equivalent course or courses shall be presented to the Senatus at the time when the candidate presents himself for his Preliminary Examination: and the Senatus shall, if satisfied, grant a certificate to that effect: Provided also that *the provisions of this section shall not have effect except where the University Court shall allow their application after a report by the Senatus Academicus, setting forth special grounds therefor in the case of any candidate named in the report.*[2]

PROFESSIONAL EXAMINATION FOR THE DEGREES OF BACHELOR OF MEDICINE AND BACHELOR OF SURGERY.[3]

XI. Each candidate shall be examined both in writing and orally, and also clinically where the nature of the subject admits, in the following divisions, viz.:—*First*, in Botany, Zoology, Physics, and Chemistry; *Second*, in Anatomy, Physiology, and Materia Medica and Therapeutics; *Third*, in Pathology and Medical Jurisprudence and Public Health; *Fourth*, in Surgery and Clinical Surgery, Practice of Medicine and Clinical Medicine, and Midwifery.

---

[1] Doubt being entertained as to the construction of this Section, the question was submitted to the Universities Commissioners, and evoked from them the following deliverance:—

It is not intended to require of the Professor a complete course of instruction by lectures during each session, or to limit the examinations for degrees to subjects which shall be discussed in the lectures of the Professor at the time that the student attended the course. The word "instruction," as used in this Section, is to be held to include lectures upon such parts of the subject as the Professor may be able to overtake, supplemented by directions as to the use of text-books or other sources of information for the remainder of the subject: and it is also intended that the examinations may be taken over the whole field, even when the Professor has not been able to include it all in his course of lectures.

[2] The proviso in italics is taken from Ordinance No. 54, Section V., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

[3] For Table of Fees and Dates of Examinations, see page 207.

In subjects which admit of practical instruction, the examination shall be such as to test the practical acquirements of the candidate.

Provided always that if a candidate have obtained in a University of the United Kingdom, or other University specially recognised for the purpose by the University Court, a degree in Science or in Arts, granted in either case after a course of study and an examination in Botany, Zoology, Physics, and Chemistry, he shall be held to have passed his examinations in the said subjects.

Provided also that *if a candidate have completed in a University of the United Kingdom a course of study and passed an examination in Botany, Zoology, Physics, or Chemistry qualifying for a degree in Science or in Arts, he shall be held to have passed the examinations in such subject or subjects.*

If a candidate have obtained a degree in Science or in Arts in any University other than a University of the United Kingdom, granted in either case after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, it shall be in the power of the University Court to exempt such candidate from the examinations in such subject or subjects: Provided that the course of study and the standard of examination in each case are satisfactory in the judgment of the Senatus Academicus.[1]

XII. Candidates who profess themselves ready to submit to an examination in the subjects comprised in the first division, viz.:—Botany, Zoology, Physics, and Chemistry, may be admitted to examination in all or any two of these subjects at any examination held after they have attended a full course in each of the subjects professed.

XIII. Candidates who have passed their examination in the subjects comprised in the first division may be admitted to examination in the second division at the end of the third winter session.

Provided that candidates who so desire may postpone their examination in Materia Medica and Therapeutics until the close of the summer session following.

XIV. Candidates who have passed their examinations in the subjects comprised in the first and second divisions may be admitted to examination in the third division at the end of the fourth winter session.

Provided that candidates who so desire may postpone their examination in Medical Jurisprudence and Public Health until the close of the summer session following.

XV. Candidates who have passed their examinations in the subjects comprised in the first, second, and third divisions may be admitted to examination in the fourth or final division, when they have completed the fifth year of study.

XVI. If any candidate at these examinations be found unqualified in one or more subjects he shall not again be admitted to examination unless he has pursued his medical studies for such time, and subject to such conditions, as the Faculty of Medicine may prescribe.

XVII. If any candidate at these examinations be found to have passed in one or more subjects with sufficient merit, he shall not be liable to re-examination in such subject or subjects, although he may have been found unqualified in a subject or subjects comprised in the same division as hereinbefore specified.

---

[1] The words in italics are taken from Ordinance No. 54, Sections III. and IV., issued by the Universities Commission on 18th July, 1894, which came into operation on 11th May, 1895, having been on that date approved by Her Majesty in Council.

XVIII. Every candidate must deliver, on or before such day as the Senatus may from time to time determine, to the Dean of the Faculty of Medicine, a declaration, in his own handwriting, that he has completed his twenty-first year, or that he will have completed it on or before the day of graduation, and that he will not be, on the day of graduation, under articles of apprenticeship to any surgeon or other master.

XIX. After the candidate has satisfied the Examiners, the Dean of the Faculty of Medicine shall lay the proceedings before the Senatus, by whose authority the candidate shall be admitted, on such day as the Senatus may from time to time appoint, to the Degrees of Bachelor of Medicine and Bachelor of Surgery, on payment of the required fees.[1]

XX. Candidates for graduation shall produce evidence of their having conformed to the regulations which were in force at the time they commenced their medical studies: Provided that any student who began his medical studies before 1st January, 1892, shall be entitled to graduate under the system in force before or after that date, according as he shall comply with the regulations in force in the University before[2] or after that date.

Professional Examination for the Degree of Doctor of Medicine.

XXI. 1. Subject to the conditions hereinafter specified, the Degree of Doctor of Medicine shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in Practice other than Practice restricted to Surgery.

2. Each candidate for the Degree of Doctor of Medicine shall be required to pass an examination in Clinical Medicine and in such of its special departments as the Senatus, with the approval of the University Court, by Regulations framed from time to time, shall determine; and he may present himself for examination in Clinical Medicine at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

3. Each candidate for the Degree of Doctor of Medicine shall submit for the approval of the Faculty of Medicine a Thesis on any branch of knowledge comprised in the second, third, or fourth examinations for the Degrees of Bachelor of Medicine and

---

[1] For Table of Fees and Dates of Examination, see page 207.

[2] These regulations may be found at pp. 188–192 of the *University Calendar* for session 1895-96, and in the *Calendars* for preceding sessions.

Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects which are exclusively Surgical; and the Thesis, accompanied by a declaration signed by the candidate, that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.

4. A Bachelor of Medicine and Bachelor of Surgery, who produces to the Senatus satisfactory evidence of his intention of entering within twelve months after obtaining such degrees on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to the examination in Clinical Medicine at any period of examination after he has received such degrees; but the Degree of Doctor of Medicine shall not be conferred on him unless he shall produce a certificate that, subsequently tc having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Medical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively surgical, and unless his Thesis in the judgment of the Faculty of Medicine is of exceptional merit.

Bachelors of Medicine and Masters of Surgery of the University of Glasgow, who have graduated under the regulations in force before the fifth day of August, 1892, *may proceed to the Degree of Doctor of Medicine under the provisions of this section, in the same manner as if they held the Degree of Bachelor of Surgery.*[1]

PROFESSIONAL EXAMINATION FOR DEGREE OF MASTER OF SURGERY.

XXII. 1. Subject to the conditions hereinafter specified the Degree of Master of Surgery shall be conferred on any candidate who has obtained the Degrees of Bachelor of Medicine and Bachelor of Surgery of the University of Glasgow, and is of the age of twenty-four years or upwards, and has produced a certificate of having been engaged, subsequently to his having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Military or Naval Medical Services, or for at least two years in practice other than practice restricted to Medicine.

2. Each candidate for the Degree of Master of Surgery shall be required to pass an examination in the following subjects:— Surgical Anatomy, Operations upon the dead body, and Clinical Surgery, and in such of the special departments of Clinical

---

[1] Taken from Ordinance No. 54, Section VI., which was issued by the Universities Commissioners on 18th July, 1894, and came into operation on 11th May, 1895, having on that date been approved by Her Majesty in Council.

Surgery as the Senatus, with the approval of the University Court, by Regulations framed from time to time, may determine; and he may present himself for examination in these subjects at any period of examination subsequent to one year after he has received the Degrees of Bachelor of Medicine and Bachelor of Surgery.

3. Each candidate for the Degree of Master of Surgery shall submit for the approval of the Faculty of Medicine, a Thesis on any branch of knowledge comprised in the second, third, or fourth Examinations for the Degrees of Bachelor of Medicine and Bachelor of Surgery, which he may have made a subject of study after having received those Degrees, excepting subjects that are exclusively medical; and the Thesis, accompanied by a declaration signed by the candidate that the work has been done and the Thesis composed by himself, shall be lodged with the Dean of the Faculty of Medicine on or before a date to be fixed by the Senatus.
4. A Bachelor of Medicine and Bachelor of Surgery who produces to the Senatus satisfactory evidence of his intention of entering, within twelve months after obtaining such degrees, on the practice of his profession in a British Possession or Colony, or in a foreign Country, may, under Regulations to be framed by the Senatus, be admitted to examination in the subjects specified in Sub-section 2 of this section, at any period of examination after he has received such degrees; but the Degree of Master of Surgery shall not be conferred on him unless he shall produce a certificate that, subsequently to having received the Degrees of Bachelor of Medicine and Bachelor of Surgery, he has been engaged for at least one year in attendance in the Surgical Wards of an Hospital, or in scientific work bearing directly on his profession, such as is conducted in the Research Laboratories of the University, or in the Naval or Military Medical Services, or for at least two years in Practice which has not been exclusively medical, and unless his Thesis, in the judgment of the Faculty of Medicine, is of exceptional merit.

FEES.

XXIII. The fee to be paid for the Degrees of Bachelor of Medicine and Bachelor of Surgery shall be twenty-two guineas, and the proportion of this sum to be paid by a candidate at each division of the examination shall be regulated from time to time by the University Court. The fee to be paid for the Degree of Doctor of Medicine shall be ten guineas, exclusive of any stamp duty which for the time may be exigible. The fee to be paid for the Degree of Master of Surgery shall be ten guineas.

EXAMINERS.

XXIV. The Examiners for graduation in Medicine in the University of Glasgow shall be the Professors in that University, together with such Lecturers in the University and such additional Examiners, to be appointed by the University Court, as the University Court shall deem necessary: Provided that the Court shall make such provisions as will ensure that every candidate shall be examined in each subject by at least two Examiners, of whom one shall not be a Professor or Lecturer in the University. The examinations shall be conducted in writing and orally and also clinically, when the nature of the subject admits, under regulations framed by the Senatus subject to the approval of the University Court.

GRADUATION.

The terms for conferring Medical and Surgical Degrees in session 1897-98 are 4th November, 1897; 3rd February, 1898; 12th April, 1898; and 21st July, 1898.

Candidates proceeding to graduation, if not already Members of the General Council of the University, are required by the Act, 44 and 45 Vict., ch. 40, to pay to the Registrar of the General Council the Registration Fee, and furnish to him the particulars required for their enrolment in the General Council. This should in all cases be done at least two clear days before the day of graduation.

In accordance with the Promissory Oaths Act, 1868, a Declaration in the following English form is now substituted for the Latin Oath[1] formerly required to be taken and subscribed by every candidate on graduation:—

I do solemnly and sincerely declare, that, as a Graduate in Medicine of the University of Glasgow, I will exercise the several parts of my profession, to the best of my knowledge and abilities, for the good, safety, and welfare of all persons committing themselves, or committed to my care and direction; and that I will not knowingly or intentionally do anything or administer anything to them to their hurt or prejudice, for any consideration, or from any motive whatever. And I further declare, that I will keep silence as to anything I have seen or heard while visiting the sick which it would be improper to divulge. And I make this solemn declaration in virtue of the Provisions of the Promissory Oaths Act, 1868, substituting a Declaration for Oaths in certain cases.

REGISTRATION OF MEDICAL PRACTITIONERS.

Graduates should register as soon as possible with the Branch Registrar for Scotland, at 1 George Square, Edinburgh. Fee £5. Additional qualifications, 5s. each. Forms of application may be had from the Assistant-Clerk (Matriculation Office).

---

[1] *The Oath was in these words:*—Testor Deum omnipotentem me hoc Insjurandum pro virili servaturum; Victus rationem aegris commodam et salutarem praescripturum: nullius intercessione nec sponte noxium pharmacum cuiquam propinaturum; sed sancte et caste vitam artemque meam instituturum: In quascunque domos intravero ad aegrotantium duntaxat salutem ingressurum et ab omni injuria inferenda procul futurum: Quaecunque inter curandum videro audiverove siquidem ea efferre non expediat silentio suppressurum.

TABLE OF EXAMINATIONS FOR DEGREES IN MEDICINE TO BE HELD DURING SESSION 1897-98.

Fees.	Names to be given in and Fees paid to Assistant-Clerk [1] (Matriculation Office). Date.[2]	Dates of Written Examinations and Hours at which the different Papers will be set. Printed Schedules with detailed instructions for filling up may be obtained from the Assistant-Clerk [1] (Matriculation Office). The Professional Oral Examinations follow immediately after the Written.							
Under the Old Regulations the Fee for each Professional Examination is £5 5s.; under the New, the Fees are—First, £6 6s.; Second, £6 6s.; Third, £5 5s.; Fourth, £5 5s.	16th September, 1897,	Mon.,	4th Oct., 1897,	Zoology - - -	10—12 noon.	Botany - -	12.30—2.30 p.m.	Chemistry	3—5 p.m.
		Tues.,	5th ,, ,,	Physics - - -	10—12 noon.				
		Tues.,	5th ,, ,,	Anatomy - -	10—12 noon.	Physiology -	12.30—2.30p.m.	Mat. Med. and Therap.	3—5 p.m.
		Wed.,	6th ,, ,,	Med. Jurisp. (N.R.)	10—1 p.m.	Pathology -	3—5 p.m.		
	3rd March, 1898,	Mon.,	21st Mar., 1898,	Zoology - - -	10—12 noon.	Botany - -	12.30—2.30 p.m.	Chemistry	3—5 p.m.
		Tues.,	22nd ,, ,,	Physics - - -	10—12 noon.				
		Tues.,	22nd ,, ,,	Anatomy - -	10—12 noon.	Physiology -	12.30—2.30p.m.	Mat. Med. and Therap.	3—5 p.m.
		Wed.,	23rd ,, ,,	Med. Jurisp. (N.R.)	10—1 p.m.	Pathology -	3—5 p.m.		
	10th May, 1898,	Mon.,	30th May ,,	Practice of Medicine	10—12 noon.	Surgery -	2—4 p.m.		
		Tues.,	31st ,, ,,	Midwifery - -	10—12 noon.				
		Tues.,	31st ,, ,,	(*Clinical Examinations begin*).					
		Wed.,	1st June, ,,	Medical Jurisp. (O.R.)	10—12 noon.				
		Thurs.,	2nd ,, ,,	Pathology (O.R.) -	10—12 noon.				

---

[1] For Women Students, Miss Galloway, Queen Margaret College.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary Certificates, etc., lodged. Every candidate must matriculate at the University for the session in which he enters for professional examination or for graduation.

For Dates in regard to Medical Preliminary Examination, see page 155.

5.—GRADUATION IN LAW.

Two Degrees in Law are conferred, after examination, by the University of Glasgow, viz., Bachelor of Laws (LL.B.) and Bachelor of Law (B.L.).

By regulation of the Faculty of Advocates, any one who has obtained the Degree of LL.B. from a Scottish University is held qualified in General Scholarship and Law with a view to admission to the Bar, without examination or other evidence of such qualification, except as stated on page 102.

By the Law Agents Act, 36 and 37 Vict., c. 63, the holder of a degree in Law or in Arts of a University in Great Britain or Ireland, granted after examination, is qualified to apply for admission as a Law Agent after an apprenticeship of three years, instead of five, as required in the ordinary case ; and by Act of Sederunt of 20th July, 1878, any applicant who holds the Degree of LL.B. or of B.L. of any Scottish University is exempted from any examination in Law before the Examiners of Law Agents, excepting only on forms of Process, Civil and Criminal, and a similar provision is contained in the Act of Sederunt of 18th March, 1893.

Degree of LL.B.

The following are the provisions of Ordinance No. 39, General No. 11, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to graduation in Law :—

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of one of the Universities of the United Kingdom ; or of any Foreign or Colonial University specially recognized for the purpose by the University Court.

II. The course of study in Law for the Degree of Bachelor of Laws shall include the following subjects :—

(1) Jurisprudence, General or Comparative, during a course of not less than forty lectures.

(2) The Law of Nations or Public International Law, during a course of not less than forty lectures.

(3) Civil Law during a course of not less than eighty lectures.

(4) Law of Scotland, or Law of England, during a course of not less than eighty lectures.

(5) Constitutional Law and History, during a course of not less than eighty lectures.

(6) Conveyancing, during a course of not less than eighty lectures ; or Political Economy, or Mercantile Law, during a course of not less than eighty lectures.

(7) Any two of the following subjects, namely:—International Private Law, Political Economy, Administrative Law, and Forensic Medicine; in each case during a course of not less than forty lectures.

III. (1) The course of study necessary for the Degree of Bachelor of Laws shall extend over three academical years, one of which at least must be spent in the University in which the candidate intends to graduate, the other two may have been spent in any other University or School of Law specially recognized by the University Court.

(2) No candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

IV. Candidates must undergo examination in the subjects prescribed in Section II. hereof; and they must pass at one examination in at least two of these subjects. Before presenting themselves in any subject the candidates must have attended the requisite course of instruction in such subject. Candidates who have passed an examination for another degree in any of the said prescribed subjects in the same University may be exempted from examination in such subject or subjects, provided that the Examiners are satisfied that the previous examination in such subject or subjects has been passed on a sufficiently high standard.

V. Every candidate for the Degree of Bachelor of Laws shall be examined both orally and in writing on each of the subjects in the course of study above prescribed in which he presents himself for examination.

VI. (1) Distinction may be awarded to candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Laws a diploma shall be given, setting forth the subjects in which the candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of or Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this ordinance shall come into operation shall have completed a part of his course with a view to graduation as Bachelor of Laws in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Laws without complying with the provisions of this ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this ordinance.

X. This ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

Degree of B.L.

The following are the provisions of Ordinance No. 40, General No. 12, which, having been approved by Her Majesty in Council on 28th May, 1894, applies to all students who, after 30th September, 1894, began their course of study with a view to graduation in Law.

I. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) unless he be a graduate in Arts of one of the Universities of the United Kingdom, or of any Foreign or Colonial University specially recognized for the purpose by the University Court; or until he shall have passed—

A. The Preliminary Examination in the Faculty of Arts, or its equivalent, as specified in Ordinance No. 11 (General No. 6.—Regulations for Degrees in Arts); and

B. An Examination in one of the Scottish Universities, to be conducted by the Examiners in Arts, in the following subjects, on the standard of examination for the Ordinary Degree of Master of Arts:—

(1) Logic and Psychology; or, in the option of the candidate, Moral Philosophy.

(2) Latin.

(3) One additional Arts subject, not being one of those which belong also to the Faculty of Law.

And he must have studied at least one of these subjects in a full course in a Scottish University, or an equivalent course in another University approved by the University Court.

II. The course of study in Law necessary for the Degree of Bachelor of Law shall include the following subjects:—

1. Civil Law, during a course of not less than eighty lectures; or a half course in Civil Law where in any University a full course is not available: Provided that in the latter case, candidates who are not already graduates in Arts shall be required to take in addition a course in such subject in Arts as may be sanctioned by the Senatus Academicus, or a half course in one or other of the following branches of Law:—

    (*a*) Jurisprudence, General or Comparative.
    (*b*) The Law of Nations, or Public International Law.
    (*c*) Constitutional Law and History.
    (*d*) International Private Law.
    (*e*) Mercantile Law.
    (*f*) Administrative Law.

2. Law of Scotland, during a course of not less than eighty lectures.

3. Conveyancing, during a course of not less than eighty lectures.

4. Forensic Medicine during a course of not less than forty meetings of the class; or, in the option of the candidate, a half course in one of the branches of Law specified in Sub-section 1 of this section if not already taken.

III. (1) The course of study in Law necessary for the Degree of Bachelor of Law shall extend over two academical years.

(2) No candidate for a degree shall be deemed to have attended a class as part of the course of study necessary for that degree who does not present a certificate bearing not only that he has given regular attendance, but also that he has duly performed the work of the class.

(3) The candidate may prosecute his studies during the prescribed two years in one Scottish University, or in different Scottish Universities, or in a Scottish University and a University or School of Law specially

recognized by the University Court; but one at least of these years must have been spent, and all the examinations in the subjects mentioned in the preceding section must have been passed, at the University in which he intends to graduate.

IV. The candidate for the Degree of Bachelor of Law must undergo examination and pass in the four or more subjects selected by him; but he may present himself for examination in one subject or group of subjects at a time, provided that he has completed the course of study for such subject or group of subjects, and provided also that in that case a higher standard of proficiency shall be exacted.

V. Every candidate for the Degree of Bachelor of Law shall be examined, both orally and in writing, on each of the subjects in the course of study above prescribed, in which he presents himself for examination.

VI. (1) Distinction may be awarded to candidates who have displayed exceptional merit in their examinations.

(2) For the Degree of Bachelor of Law a diploma shall be given, setting forth the subjects in which the candidate has passed, and the distinction (if any) he has attained.

VII. The Examiners shall be the Professors of and Lecturers on the subjects included in the said examinations, and additional Examiners appointed by the University Court. The mode of conducting the examinations shall be fixed from time to time by the Senatus Academicus.

VIII. Every student who at the time when this ordinance shall come into operation shall have completed a part of his course with a view to graduation as a Bachelor of Law in any Scottish University under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Law without complying with the provisions of this ordinance.

IX. Ordinance numbered 75 of the Commissioners under the Universities (Scotland) Act, 1858, is hereby repealed, in so far as it is inconsistent with this ordinance.

X. This ordinance shall come into force at the beginning of the first academical year after the date on which it is approved by Her Majesty in Council.

Regulations Applicable to all who began their Course with a view to Graduation in Law before 1st October, 1894.

I. No one shall hereafter be admitted as a candidate for the Degree of Bachelor of Laws (LL.B.) unless he be a graduate in Arts of a recognized University.

II. The course of study in Law necessary for the Degree of Bachelor of Laws shall extend over three academical years, and shall include attendance on a distinct course in each of the six following departments, viz.:—

1. Civil Law, - - - - - -	During courses of not less than eighty lectures each.
2. Law of Scotland, - - - - -	
3. Conveyancing, - - - - -	

4. Public Law, - - - - - -	During courses of not less than forty lectures each.
5. Constitutional Law and History, -	
6. Medical Jurisprudence, - - -	

III. No one shall be admitted as a candidate for this degree in any University unless two at least of the three academical years of his course of study in Law shall have been in such University.

IV. Candidates for the Degree of Bachelor of Laws shall be examined, both in writing and *viva voce*, on each of the six departments of Law above specified.

V. The Examiners, in judging of the qualifications of candidates, shall have special regard to their acquirements in the two departments of Public Law and Constitutional Law and History.

IX. No one shall be admitted to examination as a candidate for the Degree of Bachelor of Law (B.L.) in the University of Glasgow unless he be a Graduate in Arts, qualified as prescribed in Section I. (*supra*), or unless he shall have passed a satisfactory examination in Latin, and in any three of the following subjects (Logic or Mathematics being always one of the three), viz. :—(*a*) Greek, with the alternative of French or German, (*b*) Logic, (*c*) Moral Philosophy, (*d*) Mathematics, (*e*) Natural Philosophy, and (*f*) English Literature ; and further, shall have studied, during at least two academical years, two or more of the above branches, in one or more of the Universities mentioned in Section I. The examinations shall be conducted by Examiners in Arts, together with some of the Law Examiners. The following are the subjects of Preliminary Examination under this section :—

Arts Subjects.—The examination in the Arts subjects under Section IX. will be the same as that for the Degree of M.A.

French.—*Montesquieu's* Esprit des Lois, Books i. to v. ; *Voltaire's* Charles XII. ; *Molière's* Le Bourgeois Gentilhomme ; *Victor Hugo*, First Division of Selections (Poésie) contained in L'Œuvre Complète de Victor Hugo (Extraits), Paris, Hetzel-Quantin, 1885. Some knowledge of the matter of the books prescribed as well as of their text is required. A passage from a work not prescribed may also be set. Moderate proficiency in French Prose Composition is required. Questions on French Grammar, Philology, and History will also be set. For these subjects reference may be made to *Saintsbury's* Primer of French Literature, *Brachet's* Historical French Grammar, or *Clapin's* Primer of French Philology, and *Charlotte Yonge's* Primer of French History.

German.—*Von Ihering*, Der Kampf um's Recht ; *Schiller*, Die Belagerung von Antwerpen ; *Lessing*, Minna von Barnhelm ; *Goethe*, Hermann und Dorothea. Translation, Composition, and Grammatical and Historical Knowledge will be required, as in French. Reference may be made to *Gostwick and Harrison's* German Literature, or *Selss'* Outline of the Literature of Germany; and *Sime's* History of Germany (Macmillan's Hist. Course for Schools).

X. The course of study in Law necessary for the Degree of Bachelor of Law in the University of Glasgow shall extend over at least two academical years, and shall include attendance on a distinct course, as specified in Section II., in each of the three departments of Civil Law, Law of Scotland, and Conveyancing, and in any one of the other three departments of Law mentioned in that section: Provided always that in lieu of Civil Law, or one of the last-mentioned three departments of Law, attendance on a distinct course of Moral Philosophy shall be admitted as sufficient, or in the event of Moral Philosophy having been selected by a candidate as one of the three optional subjects of Preliminary Examination, then attendance on a distinct course of Political Economy shall be admitted in lieu of Civil Law or one of the said other three departments of Law. No one shall be admitted to examination as a candidate for the said degree unless two academical years of his course of study in Law shall have been in the University of Glasgow. The candidates shall be examined in each of the departments in which they shall have given attendance as herein required.

XIII. Any candidate who, before the approval of the present alteration by Her Majesty in Council, may, with a view to graduation in the University, have passed an examination in any of the subjects hereby required for the Degree of B.L., shall be entitled to reckon such examination as an examination in the same subject or subjects for the purposes of the said degree.

SUBJECTS OF EXAMINATION.

The examinations for LL.B. and B.L. in session 1897-98 will embrace the following books and subjects, viz.:—

In Civil Law.—Institutes of Justinian (Ed. Moyle or Sandars) and the Class Lectures; also Dig., Lib. XVIII., Tit. I.—translated and annotated by Mackintosh—Roman Law of Sale.

In the Law of Scotland.—In addition to the Class Lectures, the books recommended are Bell's Principles of the Law of Scotland, and Erskine's Principles of the Law of Scotland. In Criminal Law, Macdonald's Criminal Law and Erskine's Principles. Recent editions of the works mentioned should be used.

In Conveyancing.—In addition to the Class Lectures, the books recommended are Duff's Feudal Rights, with Supplement; Lectures on Conveyancing, by Menzies; Lectures on Conveyancing, by A. M. Bell; and Craigie's Statutes. The constitution, transmission, and extinction of Heritable Rights according to the Law of Scotland.

In Mercantile Law.—Bell's Commentaries by M'Laren, Vol. I., pages 546 to 678; Carver on Carriage by Sea; Thorburn's Bills of Exchange Act, 1882.

In Jurisprudence, General or Comparative.—Holland's Jurisprudence (5th or 6th edition); Maine's Ancient Law; Miller's Philosophy of Law. Reference may also be made to Hearn's The Aryan Household, and Sidgwick's Elements of Politics.

In the Law of Nations, or Public International Law.—Hall's International Law. Candidates are expected to show a general acquaintance with the history of Modern Europe. Pitt Cobbett's Leading Cases, and Tudor's Leading Cases in Mercantile and Maritime Law will be found useful for reference.

NOTE.—Candidates under the old regulations for LL.B. are required to sit also at the papers on Jurisprudence and International Private Law.

In International Private Law.—Rattigan's Private International Law, with the Scots cases referred to in the Class Lectures.

In Constitutional Law and History.—(1) The Outlines of English Constitutional History; (2) Existing Constitutional Law. Authorities recommended: Taswell-Langmead's English Constitutional History; Stubbs' Select Charters (Introductory Sketch only); Anson's Law and Custom of the Constitution, Vol. I.; Dicey's Law of the Constitution; Leading Cases in Constitutional Law, by Thomas.

In Medical Jurisprudence.—Infanticide; Concealment of Pregnancy; Rape; Wounds; Identity; Presumption of Survivorship; General Evidence in Cases of Poisoning; Poisoning by Arsenic; Examination of Blood Stains; Legitimacy; Insanity. (*Text-book*, Principles of Forensic Medicine, by Guy and Ferrier.)

In Political Economy and other Arts Subjects.—The subjects of examination for the Degree of M.A.

No candidate for the Degree of B.L. is admitted to an examination in Law subjects until he has passed in all the subjects of the Preliminary Examination, and under the old regulations for both degrees, not fewer than two subjects in Law can be taken up at one examination.

TABLE OF EXAMINATIONS FOR DEGREES IN LAW, TO BE HELD DURING SESSION 1897-98.

Fee.[1]	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[2]	Subjects of Examination.	DATES OF WRITTEN EXAMINATIONS AND HOURS AT WHICH THE DIFFERENT PAPERS WILL BE SET.					
			October, 1897.			March, 1898.		
£1 1s. on each entry for Examination, and balance, if any, before Graduation. Total Fees — LL.B. £5 5s., B.L. £3 3s.	22nd September or 1st March,	Political Economy, -	Sat.	2nd Oct.,	9—12 noon.	Sat.	19th Mar.,	9—12 noon.
		Jurisprudence, - -	Mon.,	4th ,,	9—12 noon.	Mon.,	21st ,,	9—12 noon.
		Private Internat. Law, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Scots Law, - - -	Tues.,	5th ,,	9—12 noon.	Tues.,	22nd ,,	9—12 noon.
		Public Internat. Law, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Civil Law, - - -	Wed.,	6th ,,	9—12 noon.	Wed.,	23rd ,,	9—12 noon.
		Constitut. Law & Hist.,	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Conveyancing, - -	Thurs.,	7th ,,	9—12 noon.	Thurs.,	24th ,,	9—12 noon.
		Forensic Medicine, -	,,	,, ,,	2—5 p.m.	,,	,, ,,	2—5 p.m.
		Mercantile Law, - -	Friday,	8th ,,	9—12 noon.	Friday,	25th ,,	9—12 noon.

For Dates of the Preliminary Examination and of the Examinations in Arts subjects necessary for B.L., see pp. 155 and 175.

---

[1] Under the new regulations the fee for LL.B. is £6 6s.; for B.L., £5 5s.

[2] When names are not given in and fees are not paid on or before the stated dates, a late Entry Fee of Ten Shillings must be paid before the candidate can be enrolled for examination. A candidate is not held to be enrolled for examination until his name is entered, the fee paid, and all the necessary certificates, etc., lodged.

6.—GRADUATION IN DIVINITY.

Degree of Bachelor of Divinity.

In Ordinance No. 63 the Universities Commission laid down the following regulations for this degree :—

I. No one shall be admitted to examination[1] as a candidate for the Degree of Bachelor of Divinity (B.D.) in any University unless he be (1) a graduate in Arts of that University, and have taken a complete Theological Course in a Scottish University or Universities, or in an institution or institutions specially recognized for the purpose of this ordinance by the University Court, or partly in a Scottish University or Universities and partly in such institution or institutions ;[2] or (2) a graduate in Arts of any Scottish University or other University specially recognized as aforesaid, and have completed his Theological Course, of which not less than two years' attendance shall have been given in the University in which he presents himself for examination.

II. The examination shall in all cases be conducted at the seat of the University granting the degree, and the Examiners shall be the Professors of or Lecturers on the subjects included in the examinations, and two additional Examiners appointed by the University Court. The mode of conducting the examination shall be fixed from time to time by the Senatus Academicus.[1]

III. Every student who at the time when this ordinance shall come into operation shall have completed a part of his Theological Course with a view to graduation as Bachelor of Divinity in any Scottish University, under regulations hitherto in force in that University, and shall thereafter complete his course of study in conformity with such regulations, may become a candidate for the Degree of Bachelor of Divinity without complying with the provisions of this ordinance.

IV. The Degree of Bachelor of Divinity shall in no case be conferred on persons who have not complied with the conditions hereinbefore set forth, and shall not be conferred *honoris causa tantum*.

This degree is conferred on such qualified candidates as have satisfied the Examiners of their proficiency in the following departments, viz. :—

I. Hebrew, New Testament Exegesis, and Apologetics.
II. Divinity, Church History, and Biblical Criticism.

The scheme of examination for session 1897-98 is as follows :—

I. FIRST DEPARTMENT—
(*a*) *Hebrew.*- (1) The Book of Deuteronomy ; (2) Isaiah i.–xx. ; (3) Portions of unpointed Hebrew to be punctuated and translated ; (4) Translations from English into Hebrew.

---

[1] Ordinance No. 154 gives the Senatus Academicus power to admit candidates to examination in not more than three of the subjects, after the completion of the second session of attendance on their Theological course.

[2] The University Court has recognized *pro tanto* every Theological College in the United Kingdom having a distinct staff of teachers for the separate subjects, in so far as the Theological Course is subsequent to the Arts Course.

Books that may be used :

Driver's Commentary on Deuteronomy (International Critical Commentary). The Commentaries on Isaiah by Delitzsch, Cheyne, Orelli, and G. A. Smith ; Driver's Introduction to the Literature of the Old Testament) ; Driver's Isaiah, his Life and Times (Men of the Bible Series) ; Müller's Outlines of Hebrew Syntax ; Davidson's Hebrew Syntax ; Robertson's Hebrew Exercises.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Gospel of Luke. (2) Exegesis of Luke viii. 4–xviii. 14, with critical comparison of the parallel passages in Matthew and Mark. (3) Exegesis of the Epistles to the Corinthians.

Books which may be consulted :

(1) and (2) The relative Commentaries of Godet, Meyer, De Wette, or Alford ; Bleek, Synoptische Erklärung der drei ersten Evangelien ; (3) The Commentaries of Meyer, Alford, Stanley, Beet, Schmiedel.

(*c*) *Apologetics.*—The Theistic Arguments ; Agnosticism ; The Semitic Religions of Ancient Babylonia and Phenicia and the Religion of Israel.

Books which may be consulted :

Principal Caird's Introduction to the Philosophy of Religion ; Flint's Theism ; Davidson's Theism ; Bruce's Apologetics ; Fisher's Grounds of Theistic Belief ; Lindsay's Theistic Philosophy of Religion ; Wace's Christianity and Agnosticism. The Arguments as in Anselm, Descartes, Clarke, Hume, Kant, Hegel, Pfleiderer, Cazenove. Agnosticism as in Hume, Kant, Mansel, Comte, H. Spencer, Huxley. Sayce's Religion of the Ancient Babylonians ; Schrader's Cuneiform Inscriptions and the Old Testament ; Robertson Smith's Religion of the Semites ; Movers, Die Phoenizer, I. ; Renan, Nouvelles Considérations, etc., and Max Müller's Chips, I. ; and relevant parts in the Histories of Religion of Schultz (Apologetics), Menzies, Pfleiderer (3rd ed.), and De la Saussaye. Prof. Robertson's The Early Religion of Israel ; Wellhausen's Religion of Israel ; Baxter's Sanctuary and Sacrifice ; Theology of the Old Testament, by Oehler and Schultz.

II. SECOND DEPARTMENT—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work ; Biblical Theology—Synoptic Gospels and Epistle to the Romans.

Books which may be consulted :

The Treatises on Dogmatics by Hodge, Shedd, Strong, Oosterzee, Martensen, Dorner. Dorner on The Person of Christ ; Ritschl, History of the Doctrine of Atonement, etc. ; Liddon, The Divinity of our Lord ; Crawford and Dale on

The Atonement; Bruce, The Humiliation of Christ; Orr, The Christian View of God; Fairbairn, Christ in Modern Theology; Calvin, Institutio, Lib. II. Wendt, The Teaching of Jesus; Bruce, The Kingdom of God; the New Testament Theology of Weiss and Beyschlag; Hodge, Morison, and Sanday on Romans, and Liddon's Analysis.

(*b*) *Church History.*—The Councils of Trent, Dort, and Westminster.

The following are among the books which may be consulted: Schaff's Church History; Canons and Decrees of the Council of Trent; Sarpi, History of the Council of Trent; Bungener, History of the Council of Trent; Tilenus, Canons of the Council of Dort; Acts of the Synod of Dort; Gillespie, Notes of Debates, etc. of Assembly of Divines at Westminster; Mitchell, The Westminster Assembly, and Minutes of Westminster Assembly; Directory and other Standards.

(*c*) *Biblical Criticism.*—(1) Textual Criticism. (2) Hermeneutics.

Books which may be consulted:

(1) Davidson, Biblical Criticism; Tregelles, Treatise in Horne's Introduction, Vol. IV.; Scrivener, Introduction to the Criticism of the New Testament (fourth edition); Westcott and Hort, Prolegomena to the Greek Testament. (2) Davidson, Sacred Hermeneutics (1843), or Treatise on Interpretation in Horne's Introduction, Vol. II.; Ernesti, Institutio Interpretis; Immer, Hermeneutik des Neuen Testamentes.

The scheme of examination for session 1898-99 will be as follows:—

I. FIRST DEPARTMENT—

(*a*) *Hebrew.*—(1) Isaiah xxi.-xxxix.; (2) Psalms lxxiii.-cvi.; (3) Portions of unpointed Hebrew to be punctuated and translated; (4) Translations from English into Hebrew.

(*b*) *New Testament Exegesis.*—(1) Introduction to the Acts of the Apostles; (2) Exegesis of Matthew iv. 17-xvi. 12, with critical comparison of the parallel passages in Mark and Luke; (3) Exegesis of the Epistles to the Galatians and Philippians.

(*c*) *Apologetics.*—The Apologetics of the Second and Eighteenth Centuries; the Philosophy of Religion as in Kant, Hegel, Schleiermacher, and Ritschl; Theories of Christianity and its relation to other Religions (Comparative Theology); Antitheistic Theories.

II. SECOND DEPARTMENT—

(*a*) *Divinity.*—Doctrine of Christ's Person and Work; Biblical Theology.—The Synoptic Gospels and Epistle to the Romans.

(*b*) *Church History.*—Reformation of Swiss, Gallican, and British Churches.

(*c*) *Biblical Criticism.*—(1) Textual Criticism; (2) Hermeneutics.

TABLE OF EXAMINATIONS FOR DEGREES IN DIVINITY, FOR BLACK THEOLOGICAL FELLOWSHIP, FOR FINDLATER SCHOLARSHIP, AND FOR JAMIESON PRIZE, TO BE HELD DURING SESSION 1897-98.

Department.	Names to be given in and Fees paid to Assistant-Clerk (Matriculation Office). Date.[1]	Fee.	Dates of Written Examinations and Hours at which the different Papers will be set.		
First.	20th October, 1897.	£2 12s. 6d.	Tues., 26th Oct., 1897.	Hebrew, - - -	10—1 p.m.
			,, ,,	Hebrew, - - -	2—5 p.m.
			Wed., 27th Oct., 1897.	Apologetics, - - -	10—1 p.m.
			,, ,,	New Testament Exegesis,	2—5 p.m.
Second.	18th March, 1898.	£2 12s. 6d.	Thurs., 24th Mar., 1898.	Divinity, - - -	10—1 p.m.
			,, ,,	Textual Criticism, -	2—4 p.m.
			Frid., 25th Mar., 1898.	Church History, - -	10—1 p.m.
			,, ,,	Hermeneutics, - -	2—4 p.m.

---

[1] Forms of application for examination may be obtained at the Matriculation Office. These forms, when filled up, must be forwarded by the candidates to the Dean of the Faculty of Theology, along with certificates of attendance on the required classes, and, having been certified by him, must then be transmitted to the Assistant-Clerk (Matriculation Office) on or before the date prescribed above.

Students who have completed the second year of their Divinity studies, subsequent to the termination of their course in Arts, may present themselves for examination in the First Department.

7.—HONORARY DEGREES.

The powers of the Senatus Academicus to grant Honorary Degrees are regulated by Ordinance No. 41 of the Universities Commission (1889) of date 13th December, 1893, which received the approval of Her Majesty in Council on 28th May, 1894.

Degree of Doctor of Divinity.

The following are the regulations for the Degree of D.D. :—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a committee, to be called the Committee on the Degree of Doctor of Divinity, consisting of the Principal, three Professors from the Faculty of Theology (of whom the Professor of Divinity shall be one), and three other Professors to be selected by the Senatus Academicus from the other Faculties.

II. It shall be the duty of this committee to select persons to be recommended to the Senatus Academicus for the degree; but the committee shall not entertain applications from or on behalf of persons desirous of receiving the degree.

III. The committee shall present a reasoned report, embodying its recommendations to the Senatus.

IV. In the case of every person recommended for the degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

- (*a*) Whether he is an alumnus of this University, and whether he already holds the Degree of B.D., or any other University Degree.
- (*b*) Whether his character and professional standing are such as to warrant the conferring of the proposed distinction.
- (*c*) Whether, (1) being a Bachelor of Divinity of eight years' standing, he has passed a higher examination in any three of the six subjects embraced in the examination for the Degree of B.D.; or, (2) being a Bachelor of Divinity of fifteen years' standing, he has published a contribution of merit to Theological Literature.

V. No resolution to confer the Degree of Doctor of Divinity shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the committee shall have been presented.

Degree of Doctor of Laws.

The following are the regulations for the Degree of LL.D. :—

I. At the commencement of every session, the Senatus Academicus in each University shall appoint a committee, to be called the Committee on the Degree of Doctor of Laws, consisting of the Principal and such

Professors selected from the various Faculties as the Senatus Academicus may determine, provided that the total number of the committee shall not exceed twelve.

II. It shall be the duty of this committee to select persons to be recommended to the Senatus for the degree, but the committee shall not entertain applications from or on behalf of persons desirous of receiving the degree.

III. The committee shall present to the Senatus a reasoned report embodying its recommendations.

IV. In the case of every person recommended for the degree, the report shall contain a statement of the grounds on which the recommendation is founded, specifying such particulars as the Senatus may from time to time require.

Under this regulation the Senate requires the following particulars to be specified, viz.:—

(*a*) Whether he is an alumnus of this or any other University, and whether he already holds any academical degree.
(*b*) Whether he is the author of any work of acknowledged merit, or has otherwise contributed to the progress of learning and science.
(*c*) And, in general, whether his character, profession, and position in society are such as to warrant the conferring of the proposed distinction.

V. No resolution to confer the Degree of Doctor of Laws shall be moved in the Senatus except upon special notice given after a fortnight has elapsed from the date when the report of the committee shall have been presented.

Academic Dress.

GRADUATES OF THE UNIVERSITY.

On ceremonial occasions the graduates are expected to appear in the Gown and Hood proper to their degrees.

The ordinary Gowns to be worn by graduates of the University of Glasgow are of black silk or stuff, of similar shape to those appropriated to the corresponding degrees in the other British Universities.[1]

The Hoods for the different degrees, as approved by the University Court on 19th May, 1893, are as follows :—

B.A., Black Silk, bordered inside with Red Purple Silk (colour of Bell Heather—*Erica Cinerea*).

M.A., Black Silk, lined with Red Purple Silk.

B.Sc., Black Silk, bordered with Scarlet Cloth and lined with Gold Coloured Silk (colour of Whin Blossom—*Ulex Europæa*).

D.Sc., Scarlet Cloth, lined with Gold Coloured Silk.

B.L., Black Silk, with an inside border of Venetian Red Silk (colour of Clove Carnations).

---

[1] The Robemakers to the University have standard patterns of the gowns, which, it may be stated for the information of those at a distance, are of the same shape with the ordinary (or undress) gowns of the corresponding degrees at Cambridge.

LL.B., Black Silk, bordered with Scarlet Cloth and lined with Venetian Red Silk.
LL.D., Scarlet Cloth, lined with Venetian Red Silk.
M.B. and C.M., Black Silk, bordered with Scarlet Cloth and lined with Scarlet Silk.
M.D., Scarlet Cloth, lined with Scarlet Silk.
B.D., Black Silk, bordered with Scarlet Cloth and lined with a light Cherry Silk.
D.D., Scarlet Cloth, lined with White Silk.

UNDER-GRADUATES.

By a Statute of the Commissioners appointed by the Act, 1690, chapter XVII., of the Parliament of Scotland, "for the Visitation of Universities and Schools," it was enacted that "all the students in the several Universities and Colleges within this kingdom be obliged to wear gowns during the time of the sitting of the Colleges," and that "the Regents or Masters be obliged to wear black gowns, and the students red gowns ; and, in regard that wearing of gowns has never been the custom in the College of Edinburgh, the Commissioners do therefore recommend to the Masters of that College to endeavour to bring the custom of wearing gowns there into practice." It appears from the University records that the wearing of red gowns had been previously the practice in Glasgow, and it continued to be the practice in all the Arts classes which existed at the date of this statute uninterruptedly till recently.

The General Council of this University having requested the University Court to recommend to the Senate the propriety of requiring the students to conform to the ancient practice of this University as to academic dress ; and the University Court having remitted the subject to the determination of the Senate, with an expression of regret that the academical dress formerly worn by the Arts students has of late years been laid aside, the Senate has given notice that the proper academic dress for students in Arts is the red gown.

While this notice does not apply to students not in the Faculty of Arts, all students in the University are entitled to wear the red gown.

CEREMONY OF GRADUATION.

The following are the regulations adopted by the Senate :—

All degrees honorary or gained by examination, shall be publicly conferred, except in special cases to be decided by the Senate.

Candidates for graduation are required to appear in black gowns with the hoods appropriate to their degrees ; those who are already graduates, in the costume proper to their previous degree.

IX.—BURSARIES, SCHOLARSHIPS, Etc., PRIZES.

N.B.—No alumnus of the University is allowed to hold at one time more than one Bursary, Scholarship, or Fellowship, except in cases provided for by the Regulations. In the case of Bursaries in the gift of the Senate, in appointing to which "a preference" is to be given to certain names, etc., by a "preference" the Senate understand, in every instance, a preference *cæteris paribus.*

The following is the general ordinance issued by the Universities Commission with regard to Bursaries, Scholarships, and Fellowships, which have taken effect prior to the 30th day of August, 1864 :—

ORDINANCE NO. 57 (GENERAL, NO. 19.—REGULATIONS AS TO BURSARIES, SCHOLARSHIPS, AND FELLOWSHIPS).

GENERAL.

I. For the purposes of this ordinance, bursaries in the Faculty of Arts (hereinafter referred to as bursaries in Arts) shall be deemed to be the bursaries now attached to the said Faculty by Deed of Foundation or by custom.

II. Bursaries in Arts heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study approved by the Senatus Academicus in subjects included in the curriculum for Degrees in Arts or in Pure Science.

III. All bursars in Arts, subject to the provision as to the fourth year of tenure contained in the immediately preceding section, shall attend in each year at least two classes qualifying for graduation in Arts, and shall duly perform the work of these classes: Provided (1) that, for the purposes of this section, the classes known as Middle Classes, so long as the same exist, may be attended in place of classes qualifying for graduation; and (2) that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to permit such bursars as they shall from time to time select to attend classes qualifying for graduation in Pure Science in place of classes qualifying for graduation in Arts.

IV. It shall be in the power of the Senatus Academicus to suspend or deprive a bursar, scholar, or fellow on the ground of misconduct, or, if it think fit, on the ground of his failure to obtain class certificates, or to produce such other evidence as may be required that he is prosecuting his studies in a manner satisfactory to the Senatus Academicus.

V. Bursaries in Divinity heretofore tenable for four years shall continue to be so tenable, provided that, if the holders graduate after the three years' course, they shall only retain their bursaries during the fourth year of tenure if they shall engage in a course of study in Divinity approved by the Senatus Academicus.

VI. In the case of a bursary, scholarship, or fellowship, not in the gift of a patron, becoming vacant by forfeiture or otherwise before the expiry of the period of tenure, it shall be in the power of the Senatus

Academicus, with the approval of the University Court, to determine as to the disposal thereof, or of the income thereof, during the remainder of the said period.

VII. Any bursary tenable in several Faculties successively shall not be attached to any one of such Faculties in any year other than a year in which in ordinary rotation it would have been attached to such Faculty.

VIII. It shall be in the power of the Senatus Academicus to require, as a condition of tenure, any holder of a scholarship or fellowship who is a graduate to engage in teaching within the University or to conduct tutorial classes, unless he shall satisfy the Senatus Academicus that he is pursuing special higher studies, or that he is engaged in original research.

IX. Each Examiner at competitions for bursaries, scholarships, or fellowships shall receive suitable remuneration, and it shall be in the power of the University Court to charge the funds of bursaries, scholarships, or fellowships with the necessary expenses of examination.

Open Bursaries.

X. (1) The subjects of the examination for open bursaries in Arts of the first year shall be the subjects prescribed for the Preliminary Examination in Arts instituted by Ordinance No. 11 (General, No. 6—Regulations for Degrees in Arts), Section III. The examination shall be taken at the Spring or the Autumn Preliminary Examination, according as the University Court shall determine, and shall be upon the same papers: Provided that the Senatus Academicus may, for purposes of competition, subject candidates to any further test that may be deemed necessary.

(2) Candidates for such bursaries who select in the Bursary Competition Examination, Latin, Greek, or Mathematics, shall, for the purposes of the competition, take the papers of the higher standard in those subjects: Provided that nothing herein contained shall prevent a candidate passing the Preliminary Examination if he complies with the provisions of Ordinance No. 11 (General, No. 6.—Regulations for Degrees in Arts), and Ordinance No. 44 (General, No. 16.—Regulations for Degrees in Arts Supplementary to Ordinance No. 11).

(3) No candidate shall, except as hereinafter provided, obtain a bursary in Arts who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts a candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar: Provided also that this power shall lapse after the expiry of seven years from the date hereof unless it be renewed by ordinance.

XI. It shall be competent for the Senatus Academicus, with the approval of the University Court, from time to time to make regulations as to the conditions under which persons shall be eligible to compete for bursaries of the first year in the Faculties of Arts and Science: Provided always that no student, who has during a winter or summer session attended any class qualifying for graduation in the said Faculties in any Scottish University, shall be eligible to compete for such bursaries.

XII. (1) In determining the marks to be assigned to the several subjects of the Bursary Competition Examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject.

(2) Candidates may select not more than five subjects for examination from the subjects of the Preliminary Examination in Arts, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senatus Academicus may from time to time prescribe.

XIII. The Senatus Academicus, in determining the results of the Bursary Competition Examination, may award bursaries in Arts of the first year in respect of exceptional distinction in any one branch of study: Provided that this power shall not be exercised with regard to more than two bursaries in any one year.

XIV. Bursaries open for competition to students entering on their first session of attendance in the Faculty of Medicine shall be tenable only by those students who have passed the Preliminary Examination in Medicine, or who have been exempted therefrom in accordance with the provisions of Section VI. of Ordinance No. 46 (St. Andrews, No. 4. —Regulations for Degrees in Medicine), Ordinance No. 14 (Glasgow, No. 1.—Regulations for Degrees in Medicine), Ordinance No. 15 (Aberdeen, No. 1.—Regulations for Degrees in Medicine), or Ordinance No. 16 (Edinburgh, No. 1.—Regulations for Degrees in Medicine), and who have not attended any class qualifying for graduation in Medicine: Provided always that the last-mentioned condition shall not be held to exclude a candidate who may have attended the class of Physics, Chemistry, Botany, or Zoology, otherwise than as part of a graduation course in Medicine.

Restricted and Preferential Bursaries.

XV. Candidates for bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts prescribed by Ordinance No. 11 (General, No. 6.—Regulations for Degrees in Arts), Section III., and no bursary shall, except as hereinafter provided, be awarded to any candidate who shall not have passed the Preliminary Examination in Arts: Provided that it shall be in the power of the Senatus Academicus, with the approval of the University Court, to admit to a bursary in Arts not awarded by open competition a candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as bursar.

XVI. In the case of a bursary, scholarship, or fellowship in the gift of a patron, including bodies corporate and not corporate, becoming vacant by forfeiture or otherwise during the period of tenure, the Senatus Academicus shall forthwith give notice of the vacancy to the patron, who may, within such time as the Senatus shall fix, appoint a qualified student to fill the vacancy ; and if he fail to do so within such time, the Senatus Academicus may select a deserving student to fill the vacancy until the next Preliminary Examination at which bursaries are awarded, when the patron's right to present shall revive.

XVII. On the occurrence of a vacancy in any bursary in the gift of a patron, including bodies corporate and not corporate, at the expiry of the period of tenure, the Senatus Academicus shall give notice of such vacancy to the patron of the bursary and of the date fixed for the Preliminary Examination next ensuing at which bursaries are awarded ; and the patron may, if he think fit, submit to the Senatus the names of two or more candidates eligible for such bursary, who shall undergo an examination to be conducted by the Examiners for open bursaries in the University, and the result of the examination shall be communicated to the patron for his information, who shall thereafter present to the bursary.

XVIII. In the case of a bursary in the gift of a patron, including bodies corporate and not corporate, if no qualified person be presented before the date of the Preliminary Examination intimated in terms of the immediately preceding section, the bursary shall be open to unrestricted competition for that year ; and in the event of no qualified person being presented as before provided at the beginning of the next academical year, the Senatus may either throw open the bursary to unrestricted competition, or continue the same to the student to whom it had previously been awarded : Provided that this section shall not apply in cases where the patron shall previously satisfy the Senatus Academicus that proper arrangements have been made for the selection of a bursar.

MISCELLANEOUS.

XIX. In the case of bursaries designed for poor students, the Senatus Academicus shall satisfy itself that the circumstances of candidates are such as to entitle them to the benefit of the endowment, and for this purpose the Senatus may require that a declaration be made by a parent or guardian, or by the minister of religion or schoolmaster, of each candidate as the Court shall think fit.

XX. [Preferences and restrictions cancelled. These have been noted under each bursary concerned.]

XXI. Nothing herein contained shall apply to any bursary or endowment granted by any incorporation or society whose funds, capital or revenue, have been and are contributed and paid by the members of such incorporation or society by way of entry monies or other fixed or stated contributions.

XXII. The Senatus Academicus, with the approval of the University Court, shall prescribe the subjects of examination and the conditions of competition for bursaries, scholarships, or fellowships, in so far as the same are not prescribed by ordinance or by deed of foundation.

XXIII. The provisions of any Ordinance of the Commissioners under the Universities (Scotland) Act, 1858, in so far as inconsistent with the provisions of this ordinance, are hereby repealed.

XXIV. This ordinance shall come into force from and after the 1st day of January, 1895, or as soon thereafter as it may be approved by Her Majesty in Council : Provided that nothing herein contained shall extend to, or affect the interests of, any person holding a bursary, scholarship, or fellowship at the date of its coming into effect. [Approved on 11th May, 1895.]

A.—BURSARIES ARRANGED ACCORDING TO FACULTIES.

BURSARIES IN THE FACULTY OF THEOLOGY.

Bursars in the Faculty of Theology are required to attend each session the Divinity Class and any two of the three classes of Hebrew, Church History, and Biblical Criticism.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Adam, John,	3	4	£17
Black,	2	3	£42
Boyd and Sanders,	1	3	£13 16/8
Boyd and Wilson,	1	3	£24 6/8
Brown or Ettles,	2	3	£25
Dundonald,	6	3	£41 2/6
Gilhagie and Struthers,	1	3	£19 12/8
Hamilton,	3	3	£25
Hastie,	2	3	£25
Logan,	1	3	£16
Lorimer,	4	3	£25 and £19
Lumsden,	1	4	£15
Macfarlane, James,	1	3	£23
Marshall,	1	4	£17
Morgan,	8	1	£20
Muir,	1	3	£32
Muir Divinity,	2	2	£25
Notman,	1	3	£18
Ross, John, jun.,	1	3	£30
King William's,	2	3	£20
BURSARIES IN THE FACULTY OF LAW.			
Macfarlane, Robert,	—	—	—
Merchants' House,	1	3	£25
Walkinshaw-Young,	1	2	£18
Major Young's Fund,	2	6 and 2	£22
BURSARIES IN THE FACULTY OF MEDICINE.			
Arthur,	1	3	£25
Brisbane,	1	4	£42
Davidson,	1	3	£32
Gibson, Dr. Thomas,	1	—	£30
Glasgow Highland Society,	5	4	£25
Logan,	1	4	£16
Lorimer,	4	3	£25 and £19
Macarthur,	1	2	£20
Macfarlane, John,	1	3	£40
Mackintosh,	1	1	£31
Marshall,	1	4	£17
Merchants' House,	2	4	£25
Monteith, John,	2	2	£21
Paterson, James A.,	8	4	£30 and £15
Rainy,	2	2	£20
Walton,	1	4	£34
Weir, Andrew,	1	1	£16 10/

BURSARIES IN THE FACULTY OF SCIENCE.

Foundation.	No. of Bursaries	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Buchanan Society (Arts or Science),	16	4	£30
Elder,	2	2	£50
Kerr, Malcolm,	2	3	£19
M'Ewen, Malcolm (Arts or Science),	1	4	£16
Metcalfe,	4	2	£25
Muir (Civil Engineering),	2	1	£12 10/
Shipwrights Company,	1	1	£25
Strang,	4	3	£20
Young, George,	1	1	£33

BURSARIES IN THE FACULTY OF ARTS.

Bursars in the Faculty of Arts are required to attend at least two classes each session.

Adam, James,	2	4	£11
Adamson,	1	3 or 4	£20
Angus and Mearns Benevolent Society,	2	4	£15
Ayrshire Masonic,	1	4	£20
Barbour (Kilbarchan),	1	3	£18
Biggart Memorial,	10	4	£25
Black,	2	4	£21
Blackquarry School,	1	4	£12
Brand,	3	4	£22
Brown, Ebenezer,	1	3	£40
Browne (Ayrshire),	2	4	£21
Brown-Paton,	2	3	£16
Buchanan,	2	3	£13
Buchanan Society (Arts or Science),	16	4	£30
Clark, John (Mile-end),	24	4	£30
Cowan,	1	3	£26 13/4
Craig,	1	4	£25
Craig, Archibald,	1	2	£9
Crawfurd and Brown,	1	4	£19 13/4
Davidson,	1	3	£32
Duncan's Bute,	2	4	£32
Dundonald,	8	4	£40
Ewing, James,	4	4	£20
Forfar,	5	4	£36
Foundation,	2	4	£20
Fullarton of Overton,	5	2	£22
Gartmore,	1	3	£21
General Council,	4	3 or 2	£20
Glasgow City Educational Endowm'ts,	20	4 or 2	£25
Grant, George,	1	3 or 4	£40
Grant, George, jun.,	1	4	£40
Hamilton,	3	3	£20
Hamilton Educational Trust,	3	3	£15
Hannay,	3	3	£15
Hastie,	1	4	£25
Highland Society, Glasgow,	15	4	£20

BURSARIES IN THE FACULTY OF ARTS—*Continued.*

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Howison and Gilchrist,	1	4	£17
Hutchesons' Educational Trust,	20	4	£20
Hyndford and Ross,	1	4	£10 16/8
Jaffrey, John Ferguson,	1	2	£34
Kerr, Malcolm (Nat. Phil.),	1	3	£19
Laing, Alexander,	1	3	£20
Laing, James,	8	4	£25
Leadbetter,	1	4	£9
Leyden, John,	1	3	£13
Lochhead, James,	1	3	£16
Lochhead and Mitchell,	2	4	£33
Lorimer (4 Phil. 4 Math.),	8	3	£25 and £19
Lusk,	1	3	£30
M'Crie,	4	4	£25
M'Culloch,	1	4	£17
MacDougall,	3	3	£33
M'Ewen, Malcolm (Arts or Science),	1	4	£16
MacGrouther,	2	4	£20 and £15
Maitland Club,	1	—	—
Marshall Trust,	20	5	£30
Menzies,	4	4	£45
Merchants' House,	1	4	£25
Monteith,	3	3	£14
Morgan,	16	1	£20
Muir (Mathematics, Senior),	1	1	£20
Muir (Mathematics, Junior),	1	2	£10
Paterson, James,	1	4	£20
Paterson, James A.,	6	3	£40 and £20
Patrick,	3	4	£24
Perthshire Society,	1	3	£25
Pollock,	3	3	£40
Ramsay-Walker,	2	4	£12
Scott,	3	4	£25
Stevenson of Dalry,	2	4	£32
Stewart,	3	4	£15
Thomson, James (Philosophical),	1	2	£9
King William's,	2	3	£15

BURSARIES IN THE FACULTIES OF ARTS AND THEOLOGY.

Ardkinglass,	1	6	£9 10/
Buchanan (Bellfield),	2	7	£47
Leighton,	1	3	£18
Williams,	4	3 or 4	£40

BURSARY IN THE FACULTIES OF ARTS OR THEOLOGY.

Lamb,	1		£12

BURSARIES IN THE FACULTIES OF ARTS, LAW, OR MEDICINE.

Macdonald,	2	4	£15
William Whyte,	4	4	£25

BURSARIES IN THE FACULTIES OF THEOLOGY, LAW, OR MEDICINE.

FOUNDATION.	No. of Bursaries.	Period of Tenure.	Approximate Annual Value of each.
		Years.	
Armagh,	3	3	£45
Hutcheson, Thomas,	1	4	£11 2/2¾
BURSARIES IN ANY FACULTY.			
Ayrshire Society,	4	3	£15
Celtic Society (Campbell),	1	1 or more	£5
Denny,	4	4	£30
Dumfriesshire Society,	2	4	£15
Ferguson, James,	2	2	£85
Forrest,	5	5 or less	£22
Gibson, John,	2	4	£20
Kintyre (Ker),	1	3	£20
Kintyre (Alexander Love),	1	4	£11
M'Kechnie,	2	4	£35
Shearer,	3	3	£30
Smith,	1	4	£18
Stillie,	1	1	£5
Taylor,	2	4	£7

B.—BURSARIES (ALPHABETICALLY ARRANGED).

JAMES ADAM BURSARIES (*Arts*).—These bursaries were founded by the Rev. James Adam, Minister of Cumbrae, who died in 1830, and were originally three in number. In appointing to one of the bursaries, preference was given to the kindred of the founder, and in appointing to another to students of the name of Adam. By Ordinance No. 80 of the Universities Commission (1889) these restrictions were removed, and the three bursaries were combined into two of equal value. The bursaries are tenable for four years, but if a bursar graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to these bursaries. The appointment is vested in the Earl of Glasgow, the Professor of Divinity, and the Minister of Cumbrae, the exercise of their patronage being regulated by Ordinance No. 57, Sections xv.—xviii. Value, about £11 per annum each.

Bursars—Thomas Pattison, 1896 ; [1] Hugh R. Wishart, 1896.

JOHN ADAM BURSARIES (*Theology*).—Three in number, founded by Mr. John Adam, of the Inner Temple, who died in 1836. The founder gave a preference to his own kindred and to students of the name of Adam or Dollar. By Ordinance No. 57 of the Universities

---

[1] Appointed subject to Ord. No. 57, Sec. xv.

Commission (1889) this preference was cancelled. They are open to competition to students in Theology of the first year; and, after examination, are adjudged to the three students who shall be declared to be the most deserving, and to have made the highest attainments in Latin, Greek, Logic, Moral and Natural Philosophy, and Mathematics. The trustees and patrons are the Principal, the Professor of Theology, and the five Professors of the Gown Classes. These Bursaries are tenable for four years, subject to the provisions of Ordinance 57, Section v. Value, £17 to each bursar. (One vacancy.)

Bursars—Alex. M. Shand, 1895; Andrew C. Maclean, 1895.

ADAMSON BURSARY (*Arts*).—This Bursary was founded by the Rev. David Adamson, minister of Fintry, in 1674, for a student in Philosophy, and was restricted to sons of freemen in one of the seven Incorporate Trades of Stirling. This restriction was removed by Ordinance No. 57 of the Universities Commission (1889). It is tenable for four years by a student entering the Greek Class, for three years by a student entering the Logic Class; and the appointment is vested in the Convener Court of Stirling. Value, the free proceeds of the capital, which now amounts to about £500. (Vacant.)

ANGUS AND MEARNS BENEVOLENT SOCIETY'S BURSARIES (*Arts*).—Two in number, founded in 1860 by the Glasgow Angus and Mearns Benevolent Society. Value, £15 per annum each. They are, as a rule, tenable for four years in the Arts Classes, and are open only to natives, or sons of natives, of the counties of Forfar and Kincardine, who are desirous of obtaining a University education, but whose circumstances are such as to render them unable to accomplish it without the aid of a Bursary. When a vacancy occurs applications are to be made, not later than 1st September, to Mr. Ramsay, 87 St. Vincent Street, Glasgow.

Bursars—William Abernethy, 1893; Edward G. Elliott, 1893.

ARDKINGLASS BURSARY (*Arts and Theology*).—This Bursary was founded in 1733, by Sir James and Lady Campbell, out of a fund which Colonel John Blackader of Barndennoch, Glencairn, Dumfriesshire, had by his Will set aside for pious uses, and was tenable for eight years—five in Languages and Philosophy, and three in Divinity. It is now regulated by Ordinance No. 87 of the Universities Commission (1889). A bursar may hold the Ardkinglass Bursary for three years in the Faculty of Arts, and for three years in the Faculty of Divinity, and no longer; but a bursar, who at the end of the third year of his tenure has failed to pass all the examinations necessary for graduation in Arts, shall forfeit the Bursary, and in that event it shall be lawful for the patron to nominate a candidate, who shall be a Master of Arts, or shall have passed the examinations necessary for admitting him to that Degree, and shall be entering on his course of study in the Faculty of Divinity; failing such nomination by the patron, the Bursary shall be awarded by the Senate to a candidate qualified as aforesaid, under such conditions as the Senate shall prescribe, but a Bursar thus nominated shall not hold the Bursary for more than three years. In other respects the provisions of Ordinance No. 57 apply to the Ardkinglass Bursary. Patron, Mr. Geo. F. W. Callander of Ardkinglass and Craigforth. Value, £9 10s. (Vacant.)

ARMAGH BURSARIES (*Theology, Law, or Medicine*).—Three in number, founded in 1733 by Hugh Boulter, Archbishop of Armagh, who endowed the College with the annual rent of certain lands in the neighbourhood of Glasgow. By ordinance of the Universities Commission (1858) these three Bursaries were raised from £15 to £25 per annum each (the funds having accumulated through vacancies), and the restrictions as to birthplace were removed.

Further regulations were laid down in Ordinance No. 92 of the Universities Commission (1889). The Bursaries are open by competition to students who are presenting themselves for the final examination for the Degree of Master of Arts with Honours in the following rotation: (1) Classics, (2) Mental Philosophy, (3) Mathematics and Natural Philosophy. They are tenable for three years, during which the holders must give regular attendance on the classes of this University, as students of Theology, Law, or Medicine. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. One Bursary (value about £45) will be open to competition in October, the subject of examination being Mathematics and Natural Philosophy.

Bursars—[1] Hyam Goodman, M.A., 1894; William M. R. Pringle (Classics), 1895; William Morrison (Mental Philosophy), 1896.

ARTHUR BURSARY OR SCHOLARSHIP (*Medicine*). Founded in 1892 by Mrs. Arthur of Barshaw. This Bursary is at present of the annual value of £25. It is open to women students in the Medical School at Queen Margaret College. It is to be awarded by the Trustees to the student who shall take the highest place among the Queen Margaret College candidates at the First Professional Examination held in the University before the commencement of the winter session in which an appointment falls to be made, provided always that a candidate may take part of her examination in the April preceding. If two students are of equal merit, the Bursary will be divided between them, and if more than two are equal, a special examination may be held to determine who shall be the recipient. The Bursary is tenable for three years, subject to the condition that the Bursar prosecute her medical studies with the approval of the Trustees.

Bursar or Scholar—Jessie S. B. Hunter, 1895.

---

[1] Vacant through lapse of time.

AYRSHIRE MASONIC BURSARY (*Arts*).—This bursary was founded in 1874, the funds for it being subscribed by the Masonic Lodges of Ayrshire. It is open to the sons of Freemasons, members of an Ayrshire Masonic Lodge, and is awarded by competition to a student of the first year. Candidates must be in attendance at school in Ayrshire or be resident in the county, and must not be more than eighteen years of age at the examination. The bursary is tenable for four years or during Arts curriculum of bursar, but cannot be held along with any other bursary. The bursar must pass the examinations for the Degree of M.A. in regular course, on pain of suspension or deprivation. Value, the interest of the mortified fund and annual subscriptions, not exceeding in all £25. When a vacancy occurs applications should be lodged with the Secretary of the Trust, Dalry, Ayrshire, on or before the first day of September. The names of candidates approved by the patrons will be sent by him to the Clerk of Senate to be entered at the University competition for bursaries for students of the first year.

GLASGOW AYRSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Four in number, founded in 1868 and 1879 by the Glasgow Ayrshire Society, and consisting of the free annual proceeds of a sum of £1,501 11s. subscribed by members of the Society, to be devoted to the establishment of bursaries in the University of Glasgow, and invested for that purpose. The bursaries, which are at present £15 per annum each, are tenable for not more than three years, and are open to applicants between the ages of 14 and 24, who are descendants of members of the Society, or natives of Ayrshire, or sons of natives resident in Glasgow, who are in circumstances rendering the aid of a bursary necessary or desirable. Patrons—the Directors and Office-bearers of the Society. Secretary, Mr. James Graham Girvan, 186 West George Street, Glasgow.

Bursars—[1] Peter Douglas, 1894; [1] Alexander S. Allan, 1894.

BARBOUR KILBARCHAN BURSARY (*Arts*).—Founded in 1887 by the Executors of Miss Mary Barbour of Plymouth Grove, Manchester, who bequeathed £500 free of legacy duty for the purpose of endowing a scholarship for the Board School of Kilbarchan, Renfrewshire. The bursary is open to students of the first year, and is tenable for three years. Candidates must not exceed the age of eighteen years, must produce a certificate from the Kilbarchan School Board that they have attended three years at the Kilbarchan Village or Town Board School, are of irreproachable character, and have given satisfactory evidence of good natural ability, diligence and proficiency in their studies, and must be examined at the ordinary Bursary Examination. (Vacant.)

---

[1] Vacant through lapse of time.

BIGGART MEMORIAL BURSARIES (*Arts*).—Ten in number. Value, £25 per annum each. Founded in 1876 by Mr. Thomas Biggart of Baidlandhill, Dalry, Ayrshire, in memory of his son, Thomas Biggart, an alumnus of Glasgow University, who died in 1874. The bursaries are open to competition at the annual Bursary and Preliminary Examination to students who are entering on the Arts Course at the University of Glasgow, with a view to the ministry of the United Presbyterian Church, and are designed to enable such students more easily to pursue that curriculum and obtain, as far as practicable, the Degree of Master of Arts.

The bursaries are tenable for four years.

The Bursary Fund consisted of the sum of £6,000, and the deed of foundation provided that the surplus revenue, if any, may be applied to prolong the tenure of any of the bursars for a fifth year, or to the granting of additional bursaries on the same conditions as are applicable to the others.

The bursary is payable by equal moieties on the second day of February and at the close of the winter session; and the bursar, on applying to the Principal for a precept for the second moiety, is required in each year to produce, besides the usual certificate from the Professors, a certificate signed by the Chairman and Clerk of the Theological Committee of the U.P. Synod, to the effect of his being recognized by that Church as an accepted student, pursuing his studies with a view to the ministry therein. (Two vacancies.)

Bursars—[1] James Marr, 1893; [1] John Falconer, 1893; Fergus Ferguson, 1894; Peter Henderson, 1894; Harry A. P. Anderson, 1894; James Fraser, 1895; Hugh Watt, 1896; Marshall N. Goold, 1896.

BLACK BURSARIES (*Arts*).—Founded by Mrs. Janet Black, widow of the Rev. William Black, D.D., Minister of the Barony Parish, Glasgow. Mrs. Black died in 1876, and by her Settlement, made provision, *inter alia*, for the institution of two bursaries in Arts, each of the annual value of £20 or thereby. The bursaries are open to competition to students entering on their first session in the University; and the bursars are required to attend the qualifying courses for a degree in Arts.

Bursars—John A. L. Swan, 1895; James M. Clark, 1896.

BLACK BURSARIES (*Theology*).—Founded by Mrs. Janet Black—who died in 1876—in memory of her husband, William Black, D.D., Minister of the Barony Parish of Glasgow. The bursaries are entrance bursaries, two in number, each of the annual value of £40 or thereby, tenable for three years. The competition is open to candidates holding a degree in Arts in any Scottish University, or who have passed their examinations in any four subjects taken from at least two departments for graduation in Arts. Candidates must be members of the Established Church of Scotland.

---

[1] Vacant through lapse of time.

Bursars—[1] John L. Tulloch, M.A., 1894; James D. Mitchell, M.A., 1896.

Blackquarry School Bursary (*Arts*).—Founded in 1876 by the Trustees of the Blackquarry School, Port-Dundas, Glasgow. The Police Board of Glasgow having acquired the school compulsorily under "The Glasgow Police Acts," the Trustees resolved to apply the proceeds, after payment of all claims upon the institution, in founding a Bursary in the University of Glasgow. The Bursary is open to competition to Students in the Faculty of Arts on their first entering the University, under the same regulations as those of the competition Bursaries in the University, and is tenable for four years, subject to the condition that the Bursar shall attend the qualifying course for the Degree of M.A. Value, the annual income of a sum of £420 (about £12).

Bursar—[1] Alexander Allan, 1895 (1893).

Boyd and Sanders Bursary (*Theology*).—In 1635, Mr. Zachary Boyd founded three Bursaries for students in Divinity, tenable for two or four years, each of the value of £5 10s. per annum. The appointment to one of these was vested in the Merchants' House of Glasgow; and the patrons of the other two were the members of the City Council. Preference to burgesses' sons, particularly of the name of Boyd.

The Bursary, value £5 10s., in the gift of the Merchants' House of Glasgow, and the Sanders Bursary, value £8 6s. 8d., founded in 1728 by Mr. Robert Sanders of Auldhouse, also in the gift of the Merchants' House, were, by an order obtained under the authority of the Endowed Institutions Commission in 1880, conjoined into one Bursary of £13 16s. 8d. per annum, tenable for not more than three years by a student attending the ordinary curriculum in the Faculty of Theology at the University of Glasgow. The preference, *cæteris paribus*, to the names Boyd, Sanders, Corbet, Colquhoun, and Wardrop, was cancelled by Ordinance No. 57 of the Universities Commission (1889). When a vacancy occurs applications are to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September.

Bursar—John D. Dykes, 1895.

Boyd and Wilson Bursary (*Theology*).—By ordinance of the Universities Commissioners of date 17th May, 1862, the two Boyd Bursaries in the gift of the Magistrates and Town Council of

---

[1] Vacant through lapse of time.

Glasgow (see p. 235) were conjoined into one, tenable for three years, the Bursar to be M.A. By an ordinance of the same date the two Bursaries, value £6 13s. 4d. per annum each, which were founded by Mr. Michael Wilson in 1640, and placed under the same patronage, were also conjoined into one, tenable for three years, the holder to be M.A. in regular attendance at the University as a student of Theology. Restrictions as to kindred, etc., were in both cases abolished.

This Boyd Bursary and this Wilson Bursary were, by Ordinance No. 78 of the Universities Commission (1889), conjoined into one Bursary, called the Boyd and Wilson Bursary, value £24 6s. 8d. per annum. The holder must be a Master of Arts of a Scottish University. The Bursary is tenable for three years, provided that the Bursar shall, during that period, give regular attendance as a student of Theology in Glasgow University. (Vacant.)

BRAND BURSARIES (*Arts*).—Mr. Robert Brand, son of the late Mr. Robert Brand, coalmaster, Wishaw, by his Trust Disposition and Settlement, dated 28th June, 1873, directed his Trustees "to pay to the Senatus of the University of Glasgow the sum of £2,000, the income of said sum to be applied in payment of three Bursaries in Arts for the behoof of students in the University who shall be studying with a view to the ministry of the United Presbyterian Church." Mr. Brand died on 3rd July, 1873, but, in consequence of litigation, it was not till January, 1875, that the bequest, amounting, with interest, to the sum of £2,121 7s. 5d., was paid by the Trustees to the Senate. The Bursaries, which are tenable for four years, are of the annual value of about £22 each, and are awarded by public competition to students entering their first or second session in the Faculty of Arts ; the Bursars to graduate as M.A. at the end of their course. One appointment will be made in 1897.

BRISBANE BURSARY (*Medicine*).—Founded by Miss Christian Brisbane in 1777, in fulfilment of the intentions of her brother, Dr. John Brisbane of Balbegno. Their father, Dr. Thomas Brisbane, was the first Professor of Anatomy in this University.

It is tenable by a student of Medicine for four years, and the salary is about £42 per annum. The family of Brisbane and the University present alternately. The applicant must be under twenty-two years of age, and must have the Degree of M.A.

The preference formerly given to the kin of the founder was cancelled by Ordinance No. 57 of the Universities Commission (1889).

Bursar—Charles C. Cuthbert, M.A., 1896.

BROWN BURSARY.—See Crawfurd and Brown, p. 241.

Brown or Ettles Bursaries (*Theology*).—Two in number, founded in 1867 by Miss Ettles of Inverness, in memory of her brother-in-law, Dr. E. Brown, an alumnus of this University. The Bursaries consist of the annual interest and proceeds of a sum of £1,000, and are open to competition to first year's students of Divinity who have passed all the examinations required for the ordinary Degree of M.A.; with a preference, *cæteris paribus*, to such as can speak Gaelic. The Bursaries are tenable for three years.

Bursars—[1] James S. Cuthill, M.A., 1894; Coll A. Macdonald, 1895.

Ebenezer Brown Bursary (*Arts*).—Founded in 1884 under the Trust Disposition and Settlement of Mr. Ebenezer Brown, export bottler, West Campbell Street, Glasgow. Mr. Brown, who died on 31st July, 1883, bequeathed to the Senate the sum of £1,000, free of legacy duty, for the purpose of founding and maintaining a bursary in the Faculty of Arts, to be granted to the student who shall stand highest in a competitive examination on such subject or subjects in Arts as the Senate may prescribe. The Senate have full power to vary such subject or subjects from year to year, and to lay down such regulations regarding the bursary as they may see fit. The bursary is open to competition to all students entering on their first or second year of attendance, provided that no student in his second year shall be eligible who on entering upon his first year of attendance passed the whole Preliminary Examination. It is tenable for three years.

Bursar—James M'Clelland, 1895.

Browne (Ayrshire) Bursaries (*Arts*).—Two in number, tenable for four years, and each of the annual value of about £21, founded in 1871 by Mr. Hugh Browne, residing at Darvel, in the county of Ayr, who for this purpose, and in memory of his brother, the late Dr. Alexander Browne of Buenos Ayres, mortified to the University of Glasgow the sum of £1,000. The bursaries are awarded by competition. Candidates must be natives of the county of Ayr, or must have been educated for not less than four years in a school within the said county, and must be entering on their first session at the University.

Bursars—John Gillies, 1895; William R. Wiseman, 1896.

Brown-Paton Bursaries (*Arts*).—Founded in 1891 by Mr. Andrew Brown-Paton, Liverpool, in memory of his father, mother, and three sisters. The bursaries are two in number, and are tenable for three years. They are open for competition to students of the first year, with a preference to natives of the parishes of Loudon or Galston in Ayrshire. Should no candidate from either of these parishes come up to the standard of the Entrance Examination then held in

---

[1] Vacant through lapse of time.

Arts, the bursaries are open to candidates from any part of Ayrshire. Failing qualified candidates from Ayrshire, the bursaries are open to all students of the first year. In case of a vacancy, otherwise than by lapse of time, a student of the same standing is appointed by the Senate by examination or otherwise. Each bursar receives one half of the free proceeds of the capital sum, £1,000, paid over to the University Court by the founder.

Bursars—[1] William Philips, 1894 ; William G. Walker, 1895.

BUCHANAN BURSARIES (*Arts*).—Founded by the late Robert Buchanan, LL.D., Ardfillayne, Dunoon, formerly Professor of Logic and Rhetoric in the University of Glasgow, by Codicils to his Will, dated 26th December, 1871, and 26th March, 1872, in which, as a "token or expression of his gratitude and respect to the University of Glasgow, with which, as a student, or Professor, or member of the University Court, he had been connected for the space of fifty years," he bequeathed the sum of £1,000 for the purpose of founding a Bursary or Bursaries for students in the Faculty of Arts, on the conditions that may appear to the Senatus best for the interests of the University. The Senate resolved to apply the annual proceeds to the support of two Bursars in Arts, each to hold his Bursary for three years, subject to the usual condition of attending two of the classes of the curriculum in each session ; the Bursars to be appointed by competitive examination among students of the first year. Present value, £13 to each Bursar.

Bursars—[1] Alexander A. Gardner, 1894 ; William Macnab, 1895.

BUCHANAN (BELLFIELD) BURSARIES (*Arts and Theology*).—Founded in 1875, in accordance with the Trust Disposition and Deed of Settlement of the late Misses Margaret Jane and Elizabeth Buchanan of Bellfield, Glasgow. The Bursaries are two in number, and consist of the yearly proceeds of a sum of £4,200, vested in Reduced 3 per cent. Annuities. Open to matriculated students who may be prosecuting their studies at the University of Glasgow, with a view to their becoming licentiates and clergymen of the Established Church of Scotland. The Patrons are the Principal and such of the Professors as hold their appointments from the University Court. The Bursaries are tenable during the whole curriculum "or such portion thereof as to the said Principal and Professors may seem proper." The Bursars are appointed by competitive examination among students of the first and second years in Arts. Present value, £47 per annum to each Bursar.

Bursars—[1] Ephraim M. Henderson, 1890 ; Brodie S. Gilfillan, 1896.

BUCHANAN SOCIETY BURSARIES (*Arts or Science*).—These Bursaries, instituted by the Buchanan Society, are of two kinds, Classical and Technical. The former were established in 1877, the latter in 1893. They are open to students of the names of Buchanan, M'Millan, M'Auslan, M'Wattie, and Risk. The Classical Bursaries are each of the annual value of £30, and tenable for four years at any Scottish University. Candidates must be over sixteen and under twenty years of age. The Technical Bursaries are each of the annual value of £35, and tenable for three years at any Scottish University, or at any of the Technical Colleges of Glasgow, Edinburgh, Dundee, or Aberdeen, approved of by the Society. In the event of a Technical Bursar desiring to take the Degree of B.Sc., his tenure may be extended to a fourth year. Both the Classical and the Technical Bursaries are awarded by competition, the subjects of examination being English and any three selected by the candidate out of the following, viz., Latin, Greek, French, German, Mathematics, Science. Candidates for Technical Bursaries must also shew proficiency in Freehand Drawing. Four Bursaries (two Classical and two Technical) will be given in September, 1896, provided a sufficiently high standard is reached by the candidates. Applications should be lodged not later than 15th September with the Secretary, Mr. G. Y. Strang Watkins, 186 West George Street, Glasgow, from whom further information may be obtained.

---

[1] Vacant through lapse of time.

Bursars—Hugh R. Buchanan (Classical), 1894; Alexander M'Millan (Technical), 1894; Archie Morven Macmillan (Technical), 1895; Thomas Buchanan (Classical), 1895; William John Risk (Classical), 1895; Thomas T. Buchanan (Classical), 1896; Robert Buchanan (Classical), 1896; Joseph F. M'Millan (Classical), 1896; Hugh M. Macmillan (Technical), 1896.

CELTIC SOCIETY'S CAMPBELL BURSARY (*Any Faculty.*)—Founded in 1869 by the Glasgow Celtic Society. Value, at least £5. Tenable for one or more years by a native, or a son of a native, of the Highlands of Scotland, not under 14 nor above 20 years of age, whose circumstances are such as to render aid important. A preference, *cæteris paribus*, to Gaelic-speaking students. Additional Bursaries not exceeding £5 are also granted by the Society, when its funds permit, to Gaelic-speaking students. Applications to be made to the Honorary Secretary, Mr. Charles M. Williamson, 194 West George Street, Glasgow, on or before 1st October in each year. Application forms may be obtained from Mr. Williamson.

Bursars—Kenneth M'Lean, 1896; Andrew C. MacLean (Campbell Bursary), 1896; R. R. MacNicoll, 1896.

GEORGE A. CLARK BURSARIES OR SCHOLARSHIPS (*Arts, etc.*)—(See under "Scholarships.")

JOHN CLARK (MILE-END) BURSARIES (*Arts*).—Founded in 1868, in accordance with the Trust Disposition and Deed of Settlement of the deceased Mr. John Clark, junior, of the firm of John Clark, junior, & Co., thread manufacturers, Mile-End, Glasgow. By a Deed of Constitution of date 1st August, 1866, the "Clark Bursary Fund" is placed under the management of twelve trustees. The Bursaries are to be at least two in number, of the annual value of £30, open for competition to all Protestant students of good moral character, sons of Protestant parents, entering on their first session in the Faculty of Arts (a preference, *cæteris paribus*, given to orphans), and are tenable for four years, subject to the condition that the Bursars proceed through the curriculum of Arts in Glasgow University. The competition is to be in writing, and the trustees are to appoint the subjects of examination. The Bursary fund consists of the residue of the Testator's estate, said residue amounting to upwards of £35,000. Six Bursaries on this foundation will be competed for in October, 1897.

Bursars.—[1] Horace F. Wallace, 1893; [1] David H. Tweeddale, 1893; [1] William Fulton, 1893; [1] Joseph White, 1893; [1] James P. Brander, 1893; [1] Robert J. T. Bell, 1893; William H. Begg, 1894; James Sheridan, 1894; John Harvey, 1894; Gordon B. Nielson, 1894; Joseph Walker, 1895; David M. Stewart, 1895; Alexander D. Lindsay, 1895; Daniel F. Riddell, 1895; John Anderson, 1895; Robert W. Stewart, 1895; Samuel F. H. Mackay, 1896; Daniel O'May, 1896; Robert B. Carslaw, 1896; Peter Ramsay, 1896; John Paul, 1896; Archibald D. Thomson, 1896.

COWAN BURSARIES (AYR ACADEMY) (*Arts*).—These Bursaries were founded by the late David Cowan, Esq., of Auchendrane, who bequeathed to the Directors of the Ayr Academy the sum of £2,000, to be invested and held by them in trust, and the annual income thereof applied as Bursaries, to promote the education of two students, one at each of the Universities of Edinburgh and Glasgow, who should have received their previous education, or part of it, at Ayr Academy. These Bursaries are now administered by the "Ayr Educational Trust." Under Scheme 328, Section 26, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 8th February, 1890, the Governors are instructed to apply an annual sum of not less than £80 in establishing Bursaries for University education, to be called the Cowan Bursaries, each of the yearly value of not less than £20 nor more than £30. These Bursaries are awarded by competitive examination among those who have been pupils in the Ayr Academy for at least two years before the date of examination. The Governors have resolved to award them alternately to students of Glasgow and Edinburgh Universities. The Bursaries are tenable for three years, the total value of each being £80, payable by instalments of £30 per annum for the first two years, and £20 for the third year. On a vacancy, intending candidates must send in their names and addresses to the secretary, Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September ; and the Senate of the University of Glasgow undertakes the examination of candidates who offer themselves for the Bursary to be held at this University. (One vacancy.)

---

[1] Vacant through lapse of time.

Craig Bursary (*Arts*).—Founded by Mr. John Craig, merchant in Glasgow, in 1697, for students in Philosophy. Tenable for four years. The preference to kindred of Founder, and students of the name of Craig, was cancelled by Ordinance No. 57 of the Universities Commission (1889). Value, £8 6s. 8d. per annum, increased by the Patrons in 1880 to £25. Appointment by the Merchants' House. Applications to be lodged with W. H. Hill, LL.D., Clerk to the Merchants' House, on or before 1st September of the year in which a vacancy occurs.

Bursar—Thomas Craig, 1894.

Archibald Craig Bursary (*Arts*).—The Rev. Archibald Craig, some time minister of the Free Church at Dalton, thereafter residing at Eaglesham, who died on 10th March, 1873, by his Will, dated 4th March, 1873, bequeathed a sum which, with accretions, now amounts to £250, to be devoted to the foundation of a Bursary in the University of Glasgow. The Trustees of the Bursary Fund are —the Minister for the time being of the Parish of Eaglesham, the Minister for the time being of the United Presbyterian Church, Newton-Mearns, and certain other gentlemen. The Bursary was founded in 1884. It is open to competition, at the annual Bursary Examination, to all students entering on the first session of attendance at the University, who are natives of the parishes of Eaglesham or Mearns, or who for two consecutive years have attended school in either of said parishes ; is awarded by the Senate in accordance with the result of that examination ; and is tenable for the first two years of such student's attendance at the University. The Bursary is payable at the close of the winter session. Should the Bursary be in abeyance during any session or sessions, from failure of students falling under the above description, the accumulation may, in the discretion of the trustees, be applied to the increase of the Bursary in any subsequent session or sessions, or may be added to the capital fund.

Bursar—[1] John Lambie, 1895.

Crawfurd and Brown Bursary (*Arts*).—The Crawfurd or Bishop's Bursary was founded by Captain Thomas Crawfurd of Jordanhill in 1576, and was appropriated to a student in Languages. It was tenable for four years, the value being a chalder of meal. The Patrons were the Principal and the Professors of the University. The foundation was remodelled by ordinance of the Universities Commission, dated 7th June, 1862. The Brown Bursary was founded in 1697 by Colonel Brown of Maryland. It was tenable for four years. The annual value was £5, increased in 1880 to £6 13s. 4d. by an addition from the Students' Bursary Fund. This Bursary, being also in the patronage of the Principal and Professors, was combined with the Crawfurd Bursary by Ordinance No. 81 of the Universities Commission (1889), the joint-bursary to be called the Crawfurd and Brown Bursary. The preference as to kindred attaching to the Brown Bursary was abolished. The Crawfurd and Brown Bursary is tenable for four years, the annual value being £19 13s. 4d. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure, if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary.

---

[1] Vacant through lapse of time.

Bursar—Thomas Paterson, 1896.

DAVIDSON BURSARIES (*One in Arts and one in Medicine*).—Two in number, founded in 1881, in terms of the Trust Disposition and Settlement of Mrs. Eliza Davidson, who bequeathed £2,000 for that purpose, the one bursary being in memory of her husband, John Davidson, surgeon, Newmilns, and the other in memory of her son, Francis John Ferguson Davidson. A preference is given, *cæteris paribus*, to the Founder's relatives, and to young men natives of the parishes of Muirkirk, Dalserf, Lesmahagow, and Loudon. One of the Bursaries is open to competition to students of the first or second year in the Faculty of Arts, and is tenable for three years, but the second moiety of the third year's Burse is not payable until the bursar shall have passed the examinations in four subjects taken out of at least two Departments for the Degree in Arts. The other Bursary, also tenable for three years, is awarded to the medical student who stands first in the First Professional Examination, provided that his attendance at the classes has not exceeded the requirements of the Ordinance.

Bursar in Arts—[1] Peter W. Monie, 1894.

Bursar in Medicine—Alexander L. Watson, 1895.

DENNY BURSARIES (*Any Faculty*).—Four in number, founded in 1875, by the late Peter Denny, LL.D., engineer and shipbuilder, Dumbarton. Value, not less than £30 per annum each, and tenable for four years. Open for competition to all students entering the University who are not under fourteen years of age, and who have been pupils in regular attendance at the Dumbarton Burgh Academy for at least two years, one of which must be immediately preceding the date of such entry. One of the Bursaries will be competed for at the beginning of next session. The examination will be in the same subjects and at the same time as the examination for the other competition Bursaries. The Trustees are Mr. Peter Denny and Mr. Leslie Denny, nominated in 1896 by the Sheriff of Dumbartonshire, the Principal and Professors, and one of the four Assessors of the General Council in the University Court appointed by the four Assessors, or a majority of them, in accordance with the provisions of Ordinance No. 91 of the Universities Commission (1889).

---

[1] Vacant through lapse of time

Bursars—[1] John Glen, 1893; Murdoch M'Iver, 1894; William Walker, 1895; John H. Barbour, 1896.

GLASGOW DUMFRIESSHIRE SOCIETY'S BURSARIES (*Any Faculty*).—Two in number, the one founded in 1874 and the other in 1876. They are in value £15 per annum each, are tenable for four years, and consist of the annual proceeds of a sum subscribed by members of the Glasgow Dumfriesshire Society and invested for the establishment of Bursaries in Glasgow University. The Bursaries are open to first and second year's students, between the ages of 14 and 21, who are either descendants of members of the Glasgow Dumfriesshire Society, or natives of Dumfriesshire, or sons of natives resident in Glasgow, whose circumstances render the aid of a Bursary necessary or desirable. Application to be made to the Secretary, Mr. Francis Stoddart, 58 West Regent Street, Glasgow, not later than 1st September of the year in which a vacancy occurs.

Bursars—James Dinwoodie, 1894; John J. M. Elliot, 1896.

DUNCAN'S BUTE BURSARIES (*Arts*).—Founded in 1875 for the benefit of natives of the island of Bute, by Mr. James Duncan of Valparaiso, and afterwards of Rothesay, who by his Will of date 19th October, 1874, bequeathed £2,000 for this purpose. The Trustees and Patrons are the Principal, the Professor of Mathematics, the Professor of Natural Philosophy, and the Provost of Rothesay, all for the time being. Candidates must be natives of the island of Bute, and must be entering on their first or second session in the Faculty of Arts at the University. The Bursaries are two in number, tenable for four years; but the Patrons may in each case continue the Bursary for a fifth year to assist a student who may have been assiduous in his Academical studies, in private study, or in Continental travel, or other pursuits conducive to relaxation, combined with enlargement of his experience of men and things. The examination is in the same subjects and at the same time as the examination for the other competition Bursaries. There is a preference, *cæteris paribus*, to the name of Duncan, in such degree as the Patrons shall determine; in other cases of equality the Bursary may be divided. Present value, £32 to each Bursar. (One vacancy.)

Bursar—Archibald Leitch, 1895.

---

[1] Vacant through lapse of time.

DUNDONALD BURSARIES *(Eight in Arts and Six in Theology)*.—In 1672, William, Earl of Dundonald, founded seven Bursaries—four in Philosophy and three in Divinity.

In 1858 the surplus funds of this foundation having greatly accumulated, an Act of Parliament was obtained, authorizing an increase in the number of Bursars, but providing that the total number of Bursars in Philosophy shall, at all times, bear to the number of Bursars in Divinity the proportion of four to three, as nearly as may be. The Bursaries are now fourteen in number—eight in Philosophy and six in Divinity.

The Bursaries were further regulated by Ordinance No. 94 of the Universities Commission (1889). The Bursaries in Arts are tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure, if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are tenable for three years, and no longer. A student cannot be appointed to a Dundonald Bursary in Divinity unless he has passed all the examinations required for graduation in Arts. In other respects the provisions of Ordinance No. 57 apply to all the Bursaries on this Foundation. The Bursars in Arts receive £40 each per annum, and those in Divinity £41 2s. 6d. The patronage lies with the Trustees of the late Duke of Hamilton, and is exercised by their Commissioner, J. Auldjo Jamieson, Esq., 66 Queen Street, Edinburgh, to whom applications should be sent on or before the first of September. (Two vacancies in Arts and two in Divinity.)

Bursars in Philosophy—[1] Robert A. Gray, 1893; John M'Gregor, 1894; Robert S. Masterton, 1894; Duncan Morrison, 1895; William A. Gillies, 1896; [2] Alex. S. M'Millan, 1896.

Bursars in Divinity—Andrew Watt, M.A., 1895; Archibald Hunter, M.A., 1895; Dugald Clark, M.A., 1896; John A. MacCormick, M.A., 1896.

ELDER BURSARIES.—With a view to the encouragement of merit shown by the sons of working men, Mrs. Elder has intimated her intention of giving annually to the most deserving student of the Science and Art Classes in connection with the Young Men's Christian Association, Govan Section, a Bursary of £25 per annum, to which will be added by the Department of Science and Art an equal sum, making £50 in all. The Bursaries will be tenable for two years.

Candidates must have taken the undermentioned classes in the Govan Science and Art Section:—Mathematics (2nd stage); Theoretical Mechanics (Elementary); Steam and the Steam Engine, or Naval Architecture (advanced stage).

---

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

The competition by which the Bursar is to be selected will be in the above subjects, and will be conducted by the Department of Science and Art at the May examination. The ninth examination will be held in May, 1897.

Candidates must be employed in workshops on the Govan side of the Clyde from Glasgow to and including Renfrew, or must reside in the district. A Bursar will be required to enrol in and attend the following classes at the University during the first year of his attendance :—(1) Natural Philosophy ; (2) Chemistry (lectures); (3) Mathematics ; (4) Naval Architecture and Marine Engineering. During the second year of attendance : (1) Mathematics ; (2) Civil Engineering and Mechanics (lectures); (3) Naval Architecture and Marine Engineering. These Bursaries are to be continued during Mrs. Elder's pleasure.

JAMES EWING ENTRANCE BURSARIES (*Arts*).—Four in number, founded in 1879 by the Merchants' House of Glasgow in accordance with the Deed of Endowment of the late Mr. James Ewing of Strathleven. The Directors resolved to apply annually £80 of the income of his legacy of £10,000 for educating, training, and settling in business the sons of Glasgow merchants in entrance Bursaries of £20 each. The Bursaries are tenable for four years by students giving regular attendance on classes in the Faculty of Arts. Open to first year's students. The appointments to the Bursaries will be made in accordance with the annual Bursary competition at the commencement of the session ; candidates to be qualified as above. Applications to be lodged with Wm. H. Hill, LL.D., Clerk of the Merchants' House, on or before 1st September, in each year. (One vacancy.)

Bursars—Thomas M. Campbell, 1894 ; Jas. Faulds, 1894 (£10) ; John D. Johnston, 1895 ; Thomas M. Hunter, 1896.

JAMES FERGUSON BURSARIES (*Theology, Law, Medicine, or Department of Engineering Science*).—Two in number, founded in 1877, under provision of the Trust Disposition and Settlement of the late James Ferguson, Esq., of Wiston, and consisting of the annual proceeds of a sum of £3,600. The Bursaries are tenable for two years in any of the three Faculties of Divinity, Law, or Medicine, or in the Department of Engineering Science. The Bursaries are awarded for special proficiency in Arts studies, according to the following rotation, viz. :—In November, 1878, and thereafter triennially, in Mental Philosophy, together with English Literature ; in November, 1879, and thereafter triennially, in Mathematics and Natural Philosophy ; in November, 1880, and thereafter triennially, in Classical Literature. The Examination is the same as that for honours in the Groups of Classics, Mental Philosophy, and Mathematics and Natural Philosophy respectively (with the addition in the case of the Group of Mental Philosophy of a paper on English Literature), at the annual Examination for Degrees in October. Candidates must have completed the course of attendance required for admission to examination in the corresponding Group for the Degree of M.A. with Honours. Each Bursar must pursue the course of study for such Degree in Divinity, Law, Medicine, or Engineering Science, as he may, with approval of the Senate, select. In the event of a successful candidate not having completed attendance on the Arts classes necessary to qualify for the Degree of M.A., he shall be at liberty, without forfeiting his right to the Bursary, to continue his studies in Arts for two years, in order that he may complete his qualifications for graduation; but no part of the Bursary shall become payable until he has selected and entered upon a course of study in one of the three Faculties above mentioned, viz. :—Divinity, Law, or Medicine, or in the Department of Engineering Science. While the Bursary is tenable for two years of such course, the Bursar must continue his attendance on classes beyond the two years, if this be necessary for graduation or for receiving the Certificate of Proficiency in Engineering Science. The Bursar shall not receive payment of any half-yearly Burse without such evidence as the Senate may require that he is faithfully pursuing the selected course, and shall not receive payment of the fourth half-yearly Burse until he has graduated or received the Certificate of Proficiency in Engineering. Unless a candidate comes up to at least the standard of Second Class Honours, the Senate shall not be bound to award the Bursary. There is a preference, *cæteris paribus*, to young men natives of the parishes of Lesmahagow or Muirkirk, or the province of Pictou, Nova Scotia, and also to young men of the name of Ferguson or Weir, or to descendants and relatives of the founder.

Candidates for the Bursary to be competed for in 1897 will be examined in Mathematics and Natural Philosophy, on *Friday*, 8*th October, and Saturday*, 9*th October*, along with the examinations on these subjects for the Degree of M.A. Names to be given in to the Assistant Clerk (Matriculation Office) not later than 22nd September.

Bursar—Donald N. Dow (Classics), 1895.

FORFAR BURSARIES (*Arts*).—Founded by the Countess of Forfar in 1737. The foundation was remodelled by the Universities Commission (1858), by Ordinance of 31st May, 1862, and further regulated by Ordinance No. 79 of the Universities Commission (1889) of date 15th February, 1895. There are now five Forfar Bursaries in the gift of the Senate: the holder of each to receive £36, if the funds allow. These Bursaries are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 of the Universities Commission (1889) apply to the Forfar Bursaries.

Bursars—[1] Theodore D. Lowe (1893), 1896; Robert M'Ewan, 1894; John Copeland, 1895; Alexander Sellar, 1895; James A. Milligan, 1896.

FORREST BURSARIES (*Any Faculty*).—Founded by Mr. William Forrest of Easter Meadowhead, Drumgelloch, and Meadowside, by Deed of Mortification of date 6th March, 1858. The Trust was reconstituted in 1886, under a Scheme of the Educational Endowments Commission. The Bursaries are five in number, each of the annual value of £22, and tenable at the University of Glasgow for such number of years, not exceeding five, as the Governors may determine. The Bursaries are awarded by competitive examination among young men who require aid in obtaining a University education, and who have been pupils in public or State-aided schools within the parishes of New Monkland, Slamannan, and Shotts, or who are natives of said parishes. Bursars cannot hold another Bursary, must prosecute a course for some degree, and attend at least two classes each session.

Governors—The Provost of Airdrie, the ministers of the parishes of New Monkland, Airdrie, and Clarkston, one representative from each of the School Boards of Airdrie and Clarkston, and one from the School Boards of Slamannan and Shotts alternately, and one appointed by the Sheriff of Lanarkshire. Secretary, Mr. G. B. Motherwell, Town Clerk, Airdrie.

Bursars—Robert W. Bell, 1896 (one year); Alexander Strang, 1896 (one year); John Gray, 1896 (one year); John M. Pryde, 1896 (one year); James Waddell, 1896.

FOUNDATION BURSARIES (*Arts*).—These Bursaries were founded by James VI., in 1577, for students in Languages and Philosophy, and were originally four in number. By ordinance of the Universities Commission (1858) of date 7th June, 1862, these Bursaries were remodelled, and were further regulated by Ordinance No. 84 of the Universities Commission (1889) of date 15th February, 1895. Under the new scheme there are two Foundation Bursaries, the holder of each to receive £20 per annum. They are open for competition to all students entering the first or second session of attendance at the University, and are tenable for four years. The class attendance of the Foundation bursars is regulated by Ordinance No. 57, Sec. iii. If a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science.

---

[1] Vacant through lapse of time.

Bursars—[1] James G. Liddell, 1894 (1893) ; Alexander D. Morton, 1896.

FULLARTON OF OVERTON BURSARIES (*Arts*).—By Deed of Mortification and Constitution dated 22nd December, 1877, the Executors of the late John Fullarton, Esq., of Overton, West Kilbride, Ayrshire, in pursuance of his Trust Disposition and Settlement and Codicils, assigned to the Principal and Professors of Glasgow University, as Patrons, the residue of his estate, amounting to £2,604 17s. 7d., for the purpose of founding five Bursaries, more or less, each of the annual value of at least £10, but not exceeding £30. The Bursaries are tenable for two years by students in Arts under 25 years of age, belonging to or resident in the district of Cunninghame, in Ayrshire, children of parents whose means and social position are not above those of tradesmen, small farmers, or shopkeepers, or others who may be struggling to secure their better education, and are by themselves, or with such assistance as they may be able to get from their parents or relations, unable to provide for the expenses of a University education. The Bursaries are awarded by competitive examination in Latin, Elementary Mathematics, and English ; but no candidate is eligible who has attended any University for more than one session. A Bursary may be divided between two candidates of equal or nearly equal merit, but as between a candidate who has not previously attended any University and a candidate who has so attended, the former is preferred. A Bursar may attend each session one or more of the classes in the Faculty of Arts, the selection of classes being left to his own option. Any accumulations through vacancies are added to the capital sum. Candidates are required to produce evidence of age.

Bursars—[1] John Brown, 1895 ; [1] Alexander Wason, 1895 ; James Strathern, 1896 ; [2] Joseph F. M'Millan, 1896.

GARTMORE BURSARY (*Arts*).—In accordance with the directions of the Founder of the Gartmore Medal (see p. 315), the Universities Commission (1889), by Ordinance No. 98, founded this Bursary, a sufficient capital having accumulated from the surpluses of the Foundation. It is open by competition to all students entering on their first year of attendance on a course for graduation in Arts, and is tenable for three years. Value, £21 per annum. In other respects the provisions of Ordinance No. 57 apply to the Gartmore Bursary.

Bursar—William H. Love, 1895.

---

[1] Vacant through lapse of time.

[2] Appointed subject to Ord. No. 57, Sec. xv.

GENERAL COUNCIL BURSARIES (*Arts*).—Under a scheme originated by Mr. David Hannay, Clerk to the General Council, a sum of about £500 (Fund No. I.) was raised by subscription among the members of Council for the foundation of Bursaries to be held for three years, and open to competition to first and second year's students in Arts. This fund has now been exhausted. In addition, a sum of £2,382 2s. (Fund No. II.) was raised to form the nucleus of a permanent General Council Bursaries Fund, and invested in the names of Trustees. Of this sum £1,000 is due to the liberality of the late Rev. Wm. Park, D.D., minister of Airth, to be applied in memory of his brother, the Rev. John Park, D.D., minister of Cadder. With Dr. Park's consent, the income of this sum was appropriated to two General Council Park Bursaries of £20 a-year, open to students of either sex who, having passed the Preliminary Examination in Arts, are about to commence their second year of actual attendance at the University. The General Council Park Bursaries are tenable for two years. The remainder of the free income of the fund is devoted to providing bursaries, called the General Council Bursaries, of such number and of such amount as may from time to time be determined by the Trustees. The General Council Bursaries are open to students of either sex on their first entering the University, and are tenable for three years. No candidate shall obtain a General Council Bursary who shall not have passed the Preliminary Examination in Arts, but it is in the power of the Trustees to admit to a General Council Bursary, a candidate who has passed in at least three subjects of the Preliminary Examination on condition that the bursary shall not be retained unless the bursar passes in all the subjects not later than the second Preliminary Examination held after the time of admission.

Bursars—[1] David L. Blair, 1894; Andrew J. C. Kerr, 1895; [1] James Y. Wilson, 1895 (Park); James W. M'Cutcheon, 1896 (Park).

JOHN GIBSON BURSARIES (*Any Faculty*).—Founded in 1877 by Miss Jane Gibson, in memory of her father, John Gibson of Oakbank and Johnstone, merchant in Glasgow. The Bursaries, which may be given to one student, or at most two, consist of the annual proceeds of £1,000. The administration is vested in trustees, who have great discretionary powers as to the conditions on which the Bursaries may be held. Their subsisting resolution is to award the Bursary to a Medical student entering on the third year of his course, and that it be retainable for three years. When a vacancy occurs applications are to be made in September to James Graham, LL.D., writer, 198 West George Street, Glasgow, who will furnish forms of application.

Bursars—[1] Kenneth M. Duncan, 1894; Arthur James Ballantyne, 1895.

---

[1] Vacant through lapse of time.

DR. THOMAS GIBSON (ROTHESAY) BURSARY (*Medicine*).—Founded in 1893 in terms of the Trust Disposition and Settlement of Misses Christian and Janet Gibson, who bequeathed £1,000, free of legacy duty for that purpose, in memory of their brother. The Bursary is tenable by Medical students attending the University of Glasgow and preparing for service as Medical missionaries in connection with the Church of Scotland, a preference being given, *cæteris paribus*, to students of the name of Gibson.

GILCHRIST BURSARY.—See Howison and Gilchrist, p. 255.

GILHAGIE AND STRUTHERS BURSARY (*Theology*).—The Gilhagie Bursary was founded in 1753 by Agnes Gilhagie, widow of William Somerville, merchant in Glasgow, for a student in Divinity. It was tenable for four years, the annual value being £6 6s. In 1624 the Rev. William Struthers founded two Bursaries, each of the annual value of £6 13s. 4d., for students of Divinity. By Ordinance of the Universities Commission (1858) the two Struthers Bursaries were conjoined into one, tenable for three years, the holder to be M.A., and a student of Divinity. All other restrictions were abolished. By Ordinance No. 82 the Universities Commission (1889) combined the Gilhagie Bursary and the Struthers Bursary into one, called the Gilhagie and Struthers Bursary. The patrons of the joint-bursary are the Magistrates, Town Council, and Ministers of Glasgow, who may present any person without preference as to name, provided that he be a Master of Arts of a Scottish University. The Bursary is tenable for three years, and no longer, subject to the condition that the bursar shall during that period give regular attendance as a student of Theology in the University of Glasgow.

Bursar—John Paterson, M.A., 1895.

GLASGOW CITY EDUCATIONAL ENDOWMENTS BURSARIES (*Arts, etc.*).—Under scheme 10, section 31, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 19th May, 1885, the Governors of the Glasgow City Endowments Board are instructed to apply the annual sum of £500 in establishing Bursaries at the University of Glasgow. Each Bursary is of the yearly value of £25. One half of these Bursaries are to be awarded among the Queen's Scholars at Training Colleges who have attended two years at the University of Glasgow, on the report of the Board of Examiners appointed by the Scotch Education Department. Every Queen's Scholar obtaining such Bursary shall be taken bound to complete his curriculum for a degree in Arts or Science during the time he holds the Bursary, and thereafter to submit himself for examination for such degree. The other half of the Bursaries are to be awarded by competitive examination among those who have attended public or State-aided schools in Glasgow, and who require aid in obtaining a University education. They are tenable for four years. Forms of application may be had from the Secretary of the Board—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary at the general competition. In 1896 five Queen's Scholars and three other Bursars will be appointed.

Bursars—[1] William C. Dick, 1893; [1] Robert Tennent, 1893; [1] Samuel L. Fulton, 1893; Archibald Main, 1894; Ritchie Girvan, 1894; Mathew Geddes, 1895; James C. Pairman, 1895; David W. B. F. Campbell, 1895; Alexander Strachan, 1896; Robert Milne, 1896.

Queen's Scholars—[1] Fred. A. Watson, 1895; [1] William M. Wightman, 1895; [1] Peter Auchinachie, 1895; [1] Thomas M'Michael, 1895; [1] John J. Ross, 1895; William A. Edward, 1896; Andrew J. C. Kerr, 1896; William H. S. Farquharson, 1896; Thomas E. Morton, 1896; Francis Vernal, 1896.

George Grant Bursary (*Arts*).—Founded in 1885 by Miss Susan Smith Grant of West Thorn, Lauder Road, Edinburgh, in memory of her father, George Grant, Esq., cotton spinner, Mile-End, Glasgow. Miss Grant assigned and conveyed to the Senate the sum of £1,200 in trust, to be applied in all time coming for providing one Bursary in connection with the Faculty of Arts. Miss Grant retains the right of nomination to the Bursary during her lifetime, but has provided that in the event of her failing or declining to nominate, and in all cases after her death, the Bursar shall be determined by competitive examination of first year students who are entering on a three or four years' course of study, and the Bursary shall be tenable for three or four years accordingly. On the Bursary falling vacant otherwise than by lapse of time, an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar is required to graduate in Arts, and before payment of the second moiety of the last year's Bursary he must produce evidence that he has taken his degree, or that he has passed all the examinations necessary for graduation. Any accumulations from vacancies or otherwise are to be added to the capital sum.

Bursar—George Jeffrey, 1895.

George Grant, Junior, Bursary (*Arts*).—Founded in 1885 by Mrs. Agnes Grant or Mair, wife of the Rev. John Mair, D.D., minister of the parish of South Dean, Roxburghshire, in memory of her brother, the late George Grant, junior, cotton manufacturer, Mile-

---

[1] Vacant through lapse of time.

End, Glasgow. Mrs. Mair, with the advice and consent of her husband as her curator and administrator-in-law, and for his interest in the premises, assigned and disponed to the Senate the sum of £1,200 in trust, to be applied by them in all time coming for providing one Bursary in connection with the Faculty of Arts. Mrs. Mair reserves to herself during her lifetime, and thereafter to her husband, should he survive her, the right to nominate to the Bursary, and to fix the classes to be attended by the Bursar and the period of his tenure. After the death of the survivor the period of tenure of the Bursary is to be four years, and the Bursar is to be selected by competitive examination of first year's students. In the event of a vacancy occurring otherwise than by lapse of time an appointment may be made for the remainder of the term, or for the full period after competition. The Bursar shall require to graduate in Arts, and before payment of the second moiety of the last year's Bursary shall produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. Any accumulations through vacancies or otherwise are to be added to the capital sum.

Bursar—Daisy Annabella Bennett, 1894.

HAMILTON BURSARIES (*Three in Arts, and Three in Theology*).—These Bursaries, now six in number, were founded by Anne, Duchess of Hamilton, in 1694. They were regulated by Act of Parliament, 1758, and further regulated by Ordinance No. 96 of the Universities Commission (1889). There are three Hamilton Bursaries in the Faculty of Arts, and three in the Faculty of Divinity, and each of them is tenable for three years, and no longer. The bursars in the Faculty of Arts shall attend such classes qualifying for graduation in Arts, and in such order as may be approved by the Senate. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. The bursars in Arts receive £20, those in Divinity £25 per annum each, should the state of the funds permit. The patronage lies with the Trustees of the late Duke of Hamilton, and is exercised by their Commissioner, J. Auldjo Jamieson, Esq., 66 Queen Street, Edinburgh, to whom applications should be sent on or before the first of September. (One vacancy in Arts and one in Theology.)

Bursars—[1] William G. Cameron, 1891 (Divinity); David Swan, 1892 (Divinity); John K. Cameron, 1893 (Divinity); [2] Edward G. Elliot, 1896 (Arts).

HAMILTON EDUCATIONAL TRUST BURSARIES (*Arts*).—Under scheme 39, section 28, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council on 13th May, 1887, the Governors of Hamilton Educational Trust are instructed to apply a sum, not less than £50 yearly, in providing University or Technical College Bursaries. These Bursaries, each of the yearly value of £15, and tenable for three years, are open to be competed for by pupils attending public or State-aided schools in the burgh and parish of Hamilton, who require aid in obtaining a University or higher education. Applications to be lodged with Patrick Keith, Esq., Hamilton, Clerk of the Trust, on or before the first day of September. (One vacancy.)

---

[1] Vacant through lapse of time.

[2] Appointed subject to Ord. No. 57, Sec. xv.

Bursar—John Anderson, 1895.

HANNAY BURSARIES (*Arts*).—Three in number, founded in 1865 by the late Mr. Anthony Hannay, merchant, Glasgow, in memory of his deceased wife. To be awarded to young men, not under fourteen and not above nineteen years of age, who are about to commence their studies in the Arts classes, with a view to the Holy Ministry in connection with any of the Evangelical Religious Denominations in Scotland, and who shall engage to attend during each of the first three years of the curriculum not fewer than two classes. The principal qualifications of those to be selected are good moral character, promising talent, a fair preliminary education, and a want or deficiency in the necessary pecuniary means for pursuing a University education. Candidates for these Bursaries are required to submit themselves to the annual Bursary Examination at the commencement of the Winter Session of the University of Glasgow, or such other examination as the trustees may appoint; but the result of said examination shall only be taken as one of the tests in judging of the merits of the applicants. The Bursaries to be bestowed for three years—one to be given each year. Value, about £15 per annum each. The appointment is vested in the Principal, the Dean of the Faculty of Procurators in Glasgow, and the President of the Faculty of Physicians and Surgeons in Glasgow. Applications to be made to Mr. Robert Brodie, 77 St. Vincent Street, and also to the Assistant Clerk (Matriculation Office) not later than 1st September.

Bursars—[1] James Faulds, 1894; John Hanson, 1895; George D. Turner, 1896.

HASTIE BURSARIES (*One in Arts and Two in Theology*).—The Rev. Mr. Hastie, by Deed of Mortification dated 5th September, 1707, founded a Bursary for a student in this University, which was first awarded in 1718. By an addition afterwards made to the foundation, the number of Bursaries was increased to three, two in Divinity and one in Philosophy.

The Universities Commission (1858), in an Ordinance of date 31st May, 1862, made regulations for these Bursaries, and further regulations have been made by the Commissioners (1889) in Ordinance No. 90. There are now three Bursaries on this Foundation, each £25 in value—one in Arts and two in Theology. The Bursary in Arts is open by competition to all students entering on their first session of attendance in the Faculty of Arts, and is tenable for four years, but if a student graduate at the end of three years, he shall only retain his Bursary for the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first session of attendance in the Faculty of Divinity. They are tenable for three years, and no longer. In other respects the provisions of Ordinance No. 57 of the Universities Commission (1889) apply to all the Hastie Bursaries.

---

[1] Vacant through lapse of time.

Bursar in Arts—William E. Busby (1894), 1896.

Bursars in Theology—[1] Alexander O. Taylor, M.A., 1894; Munro Somerville, 1895.

GLASGOW HIGHLAND SOCIETY'S BURSARIES (*Fifteen in Arts and Five in Medicine*).—In 1892 the Managers of the Glasgow Highland Society framed a scheme of Scholarships and Bursaries for students of Highland descent. The scheme includes Scholarships tenable at Secondary or Technical Schools, and Bursaries tenable at the Glasgow and West of Scotland Technical College and at the University. The University Bursaries in Arts are fifteen in number, each of the annual value of £20, and tenable for four years in the Faculty of Arts, but the continuance of a Bursary in the second and subsequent years is dependent on the character of the certificates obtained by a Bursar in his classes in the previous year. They are awarded by competition among students of the first year. The Bursaries in Medicine, each of the annual value of £25, are tenable for four years in the University, or any other College approved by the managers. Candidates must pass the preliminary examination of the College at which they desire to attend, and the managers reserve to themselves the right to appoint the most suitable. In 1897 there will probably be three Bursaries in Arts and one in Medicine open to competition. Secretary, R. Hope Robertson, Esq., 58 St. Vincent Street. (Three vacancies in Arts and one in Medicine.)

Bursars in Arts—[1] Ebenezer H. Fraser, 1893; [1] Charles M'Pherson, 1893; [1] Gilbert Dick, 1893; [1] Duncan Matheson, 1893; [1] Hector W. Mackay, 1893; Charles Matheson, 1894; Walter Shaw, 1894; Alexander B. Mackay, 1895; Alexander Matheson, 1896; Andrew Campbell, 1896; W. S. Sutherland, 1896; William Robertson, 1896.

---

[1] Vacant through lapse of time.

Bursars in Medicine—[1] William Duncan, 1893; [1] Daniel Morrison, 1893; Charles M'Lean, 1894; John M'Millan, 1894; Donald Douglas, 1895; John Stewart, M.A., 1896; Alexander Maclean, 1896.

HOWISON AND GILCHRIST BURSARY (*Arts*).—In 1613 the Rev. John Howison, Minister of Cambuslang, founded a Bursary for a qualified scholar of honest name and good report, son of a craftsman of Glasgow. Failing the son of a craftsman of Glasgow, any other qualified scholar might be selected by the Patrons. Mr. John Gilchrist, tailor in Glasgow, founded in 1700 a Bursary in Philosophy for a student, being the son of a tradesman freeman in the burgh of Glasgow, with a preference to the names Gilchrist, Bryce, and Boyd.

By Ordinance No. 89 the Universities Commission (1889) combined these two Bursaries into one, called the Howison and Gilchrist Bursary. The Patrons are the Trades' House of Glasgow, and any person may be presented without restriction as to birth or preference as to name. The Bursary is tenable for four years, but if a bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary. Value £17 per annum.

Bursar—David S. Brunton, 1896.

HUTCHESONS' EDUCATIONAL TRUST BURSARIES.—Under Scheme 9, Section 40, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 5th March, 1885, the Governors of Hutchesons' Educational Trust are instructed to apply an annual sum of not less than £400 in establishing University or Technical College Bursaries. These Bursaries, each of the yearly value of £20, and tenable for four years, are open to be "competed for by boys who have attended not less than two sessions in the Secondary Department of Hutchesons' Grammar School." Forms of application may be had from the Secretary of the Trust—Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street—and should be lodged with him on or before the first day of September in each year. The names of candidates who are found to possess the prescribed qualification will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for the first year. The Bursaries will be awarded to those candidates highest in the order of merit who fail to win a Bursary at the general competition. In 1897 five Bursars will be appointed.

Bursars—[1] John Brash, 1893; [1] Robert F. Ballantyne, 1893; [1] John Edgar, 1893; [1] Thomas M'Laren, 1893; William Marshall, 1894;

---

[1] Vacant through lapse of time.

William G. Burn, 1894; James H. Macdonald, 1894; Roderick G. Macdonald, 1894; Matthew Hunter, 1894; George Arthur, 1895; William L. Thompson, 1895; Jacob Mains, 1895; Archibald S. Wilson, 1895; Hugh P. Wright, 1895; Hugh Kirkhope, 1896; John Paton, 1896; Douglas W. Hunter, 1896; Robert D. Campbell, 1896; Jas. A. R. Henderson, 1896.

THOMAS HUTCHESON BURSARY (*Theology, Law, or Medicine*).—This Bursary, formerly known as the Old Library Bursary, was founded by Mr. Thomas Hutcheson of Lambhill in 1641. Preference was given to a son of a burgess, particularly one of the name Hutcheson or Herbertson. The Patrons are the Magistrates and Town Council of Glasgow. Ordinance No. 83 of the Universities Commission (1889) prescribes that the Bursary shall be called the Thomas Hutcheson Bursary, and that it shall be lawful for the Patrons to appoint to it, without preference as to name or birth, any Master of Arts who is entering on his course of study in any one of the Faculties of Divinity, Law, or Medicine. The Bursary is tenable for four years, but if a bursar in Divinity graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Value £11 2s. 2¾d. per annum.
Bursar—Alexander S. Wells, M.A., 1895.

HYNDFORD AND ROSS BURSARY (*Arts*).—In 1617 Mr. Michael Wilson founded a Bursary, called the Hyndford Bursary, for a student in Philosophy. The right of presentation belonged to the representative of Sir James Carmichael, viz., Sir W. C. Anstruther, Bart. In 1659 Captain William Ross of Rosseyle founded the Ross Bursary for a student in Languages and Philosophy. The appointment was vested in the Earl of Glasgow. By Ordinance No. 95 of the Universities Commission (1889), these two Bursaries were combined into one, to be called the Hyndford and Ross Bursary. It is tenable for four years, but if the bursar graduate at the end of three years, he shall only retain his Bursary during the fourth year of tenure if he engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. The patronage of the Bursary is vested in Sir W. C. Anstruther, Bart., and his heirs, and the Earl of Glasgow and his heirs, who exercise their right of presentation by turns, beginning with the former. In other respects the provisions of Ordinance No. 57 apply to the Bursary. Value £10 16s. 8d. (Vacant. Appointment by the Earl of Glasgow.)

JOHN FERGUSON JAFFREY BURSARY IN MENTAL PHILOSOPHY (*Arts*).—This Bursary, founded in 1877, is of the annual value of £34, and shall be awarded to a student on entering the third session of his attendance, *i.e.* a student who has attended at any of the Scottish Universities during each of the two previous sessions at least two classes in the Faculty of Arts other than the classes of Logic, Moral Philosophy, and English Literature, or who having passed the Preliminary Examination in Humanity and Greek, has attended for one session the higher classes in those subjects, and who proposes to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates are examined in such subjects in English Literature and Logic as may be fixed by the Senate. The examiners are the Professors of English Literature, Logic, and Moral Philosophy. The Bursary shall, as a rule, be tenable for two years, but on condition that the Bursar, during the two years of his tenure, shall complete his attendance on the classes of Logic, Moral Philosophy, and English Literature, and shall also attend one at least of the advanced classes taught by the Professors of Logic and Moral Philosophy, and shall pass the examinations in Logic, Moral Philosophy, and English Literature for graduation in Arts. The subjects of examination are—1. *Logic*: (*a*) Descartes, *Meditations*, (Veitch's translation); (*b*) Ferrier, *Lectures on Greek Philosophy*, the pre-Socratic period; 2. *English Literature*: (*a*) Shakespeare, *As You Like It*; (*b*) Tennyson, *Idylls of the King*. Candidates are not expected to deal with questions of textual criticism on either of the works in English Literature.

Bursar—[1] William J. Saull, 1895.

MALCOLM KERR BURSARIES (*Science, etc.*).—Two in number, founded in 1874, and consisting each of half the free annual proceeds of a sum of £1,000, bequeathed by the late Mr. Malcolm Kerr, stationer in Glasgow. One of the Bursaries is in Natural Philosophy, the other in Chemistry. The Bursaries are given on examination, and are tenable for three years, provided the Bursars continue for so long to prosecute in the University Laboratories, to the satisfaction of the Senate, the study of Natural Philosophy and Chemistry respectively. The subjects of examination in Natural Philosophy are the same as those for M.A., with Second Class Honours; and in Chemistry, the same as those for the Final Science Examination for B.Sc. Present value, £19 to each Bursar. The next appointment in Natural Philosophy will be made in 1897.

Bursar in Chemistry—Charles E. C. Stanford, B.Sc., 1896.

THE KINTYRE (KER) BURSARY (*Any Faculty*).—This Bursary, founded in 1862 by Robert Ker, Esq., of Auchinraith, merchant in Glasgow, originated in the Founder's desire "to increase the opportunities of acquiring knowledge to the natives of Kintyre."

Vacant through lapse of time.

The Office-bearers of the Kintyre Club were appointed Patrons. By the Deed of Mortification, the free proceeds of a sum of £500 sterling—about £20 sterling—were appointed to be paid to a student to be nominated by them, and who should enjoy the said Bursary for the term of three years while prosecuting his studies at the Glasgow University, with power to the Patrons to determine, in every case, whether the Bursary should be granted for a longer or shorter period than three years, but in no instance is it to be granted for a longer period than four years to the same student. No restriction is placed upon the student as to his profession or calling. Applicants must be connected with Kintyre, and be entering the University for the first time. When a vacancy occurs application should be lodged with the Honorary Secretary of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow, on or before 10th June.

Bursar—[1] John Girvan, 1893.

THE KINTYRE (ALEXANDER LOVE) BURSARY (*Any Faculty*).—This Bursary was founded in 1890 by the family of the late Alexander Love of Campbeltown. It consists of the free proceeds of a sum of £300 sterling—about £11—and is administered by the Office-bearers of the Kintyre Club. The Bursar must be a native or the son of a native of Kintyre, or actually resident there, and entering upon his first session at the University. His circumstances must be such as to render aid important. The period of tenure is not to exceed four years. When a vacancy occurs application should be made to the Hon. Sec. of the Kintyre Club, R. Harvey Pirie, LL.B., 173 St. Vincent Street, Glasgow.

Bursar—William Robertson, 1895.

LAING BURSARY OR BURSARIES (*Arts*).—The late Alexander Laing, LL.D., some time Professor of Mathematics in Anderson's College, Glasgow, who died in 1882, bequeathed to trustees the sum of £500 to found one or two Bursaries in the Faculty of Arts. The trustees by a deed dated 26th July, 1883, conveyed to the Senate the sum of £500 of the preference 4 per cent. stock of the Glasgow and South-Western Railway Company, under certain conditions and regulations. The foundation is for providing, in the option of the Senate, one Bursary of £20, or two of £10 each. The Bursary is open to competition to all students entering on their first session in the Faculty of Arts (a preference being given, *cæteris paribus*, to natives of Brechin). The period of tenure is three years. Should the Bursary become vacant otherwise than by lapse of time, the income of the fund during the vacancy is to be added to capital.

Bursar—Alexander Montgomerie, 1896.

[1] Vacant through lapse of time.

JAMES LAING BURSARIES (*Arts*).—Founded in 1892, under the Trust Disposition and Settlement of Mr. James Laing, Writer, Denny. So far as the funds admit, the Trustee appoints annually to two Bursaries, each of the annual value of £25, and tenable for four years. They are open to candidates (male and female) who have been educated for at least three years in any school or schools in the County (including the Burgh) of Stirling, and who are entering upon their first or second year of study in the University of Glasgow. Applications with certificates of qualification and good conduct from the teacher or teachers under whom candidates have been educated, should be lodged with Mr. William Jenkins, Writer, Denny, not later than 1st September. The names of candidates who are found qualified will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries. Failing candidates qualified as above, the Bursaries are open to competition to students of the first or second year from any part of Scotland. (Two vacancies.)

Bursars—David Bain, 1894; Peter Auchinachie, 1894; James R. Archibald, 1895; Michael Gavin, 1895; John L. Stewart, 1896; Arthur S. Hutchison, 1896.

LAMB BURSARY (*Arts or Theology*).—Founded in 1863 by the late Rev. Dr. William Lamb, minister of Carmichael, and appropriated to a student in Arts or Divinity. Bursar appointed by the Minister and Kirk Session of Carmichael. The preference to applicants in the parish of Carmichael or Pettinain, and the restriction to applicants from the Presbytery of Lanark, were cancelled by Ordinance No. 57 of the Universities Commission (1889). Value, about £12 per annum.

Bursar—Donald Lamont, 1896.

LEADBETTER BURSARY (*Arts*).—This Bursary was founded in 1855 by Mr. John Leadbetter, merchant, Glasgow. It was made tenable for four years, and the classes to be attended by the Bursar in each of the four years were prescribed. A preference was given to boys who had attended the five years' Classical Course of the High School of Glasgow. Patrons—The Lord Provost and Magistrates. Ordinance No. 88 of the Universities Commission (1889) empowers the Patrons to present to the Bursary any person who has completed the five years' Classical course of the High School of Glasgow, whom failing, any person, without restriction as to parentage, who has received a similar classical education elsewhere. The Bursar must attend the Latin and Greek classes in the University during at least one year, and thereafter continue a course of study in the University necessary for the Degree of Master of Arts. The Bursary is tenable for four years, but if the holder graduate at the end of three years he shall only retain his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects the provisions of Ordinance No. 57 apply to this Bursary.

Bursar—John Ferguson, 1895.

ARCHBISHOP LEIGHTON BURSARY (*Arts and Theology alternately*).—Robert Leighton, Archbishop of Glasgow, founded in 1681 two Bursaries, which were tenable for four years in Philosophy, and two or three years in Divinity. By Ordinance No. 86 of the Universities Commissioners (1889), the two Bursaries were combined into one of the annual value of £18, to be called the Archbishop Leighton Bursary. An appointment is made of a Bursar in the Faculty of Arts, and at the end of his period of tenure an appointment in the Faculty of Divinity, and so on alternately, the period of tenure in each case being three years, and a person who has held the Bursary in Arts being eligible for appointment also in Divinity. The provisions of Ordinance No. 57 apply to this Bursary. When a vacancy occurs, two students are nominated by the Town Council, and examined by the Senate, who prefer the best scholar.

Bursar—William Stratton (Arts), 1895.

JOHN LEYDEN BURSARY (*Arts*).—Founded in 1879 by the Glasgow Border Counties Association in memory of John Leyden, poet and scholar. The Fund consists of the sum of £429 3s. 8d. raised by subscription. The Bursary is open to free competition under the same regulations as the competition Bursaries in the University. Tenable for three years. The holder to pass through the Arts course, and at the termination thereof to take the Degree of M.A.

Bursar—James Scrymgeour, 1896.

JAMES LOCHHEAD BURSARY (*Arts*).—Founded in 1886 in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £500 for that purpose, in memory of her brother, who died in Ohio. A preference is given to students of the name of Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. The Bursary is tenable for three years in the Faculty of Arts.

Bursar—[1] David K. Picken, 1895.

LOCHHEAD AND MITCHELL BURSARIES (*Arts*).—Two in number and of equal value, founded in 1886, in terms of the Trust Disposition and Settlement of Mrs. Robina Mitchell, who bequeathed £2,000 (free of legacy duty) for that purpose. A preference is given to students of the name of Mitchell or Lochhead, whose parents are members of the Established Church of Scotland, whom failing to students whose parents are members of the said Church. They are tenable for four years in the Faculty of Arts.

---

[1] Vacant—Bursar appointed to a more valuable bursary.

Bursars—James A. Mitchell, 1895; Norman R. Mitchell, 1896.

Logan Bursaries (*One in Theology and One in Medicine*).—Two in number, one in Divinity and one in Medicine, founded in 1863, by Mrs. Logan, widow of Mr. William Logan, tinsmith in Glasgow. The Bursary in the Faculty of Divinity is tenable for three years, and the one in the Faculty of Medicine for four years. The preference to the names Logan and Johnstone was cancelled by Ordinance No. 57 of the Universities Commission (1889). The value of each is £16 per annum. Appointment by the Senate.

Bvrsar in Theology—James M'David, 1896.

Bursar in Medicine—[1] Alexander D. Thompson, 1893.

Lorimer Bursaries (*Four in Theology*, *Four in Medicine*, *and Eight in Arts*).—By Trust Disposition and Settlement of date 17th October, 1872, the late Mr. John Lorimer, merchant in Glasgow, directed his Trustees to make over to the Principal and Professors of the University of Glasgow, the residue of his estate, amounting to the sum of £8,594 5s. 5½d., the annual proceeds of £5,000 thereof to be applied in payment of Bursaries of an amount not exceeding £50 each, and tenable for three years. One Bursary at least is to be payable to a matriculated student of each of the following subjects:—1, Theology; 2, Medicine; 3, Philosophy; 4, Mathematics; and the proceeds of the remainder of such residue are to be applied in payment of smaller Bursaries tenable by students of the above-mentioned subjects.

The following regulations have been adopted by the Senate:—

1. The Bursaries shall be sixteen in number—namely, eight of the annual value of £25, and eight of the annual value of £19, and shall be tenable for three years.

2. Four Bursaries—viz., two at £25, and two at £19 shall be held by Students of Theology, and shall be open to competition to students entering the Divinity Hall. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the degree of B.D.

3. Four Bursaries—viz., two at £25, and two at £19, shall be held by Students of Medicine, and shall be open to competition to students who have attended the first session of their professional study in the University of Glasgow. The subjects of examination, which shall be prescribed by the Medical Faculty, are Elementary Anatomy, Elementary Chemistry, and Botany. The second moiety of the third year's Burse shall not be paid until the Bursar

---

[1] Vacant through lapse of time.

shall have passed his Third Professional Examination for the degree of M.B.

4. Four Bursaries—viz., two at £25, and two at £19, shall be open for competition to students who, having passed their whole Preliminary Examination, are entering on their second session of attendance, and who propose to attend in the following sessions the classes of Logic, Moral Philosophy, and English Literature. Candidates shall be examined in such subjects in English Literature and Logic as may be fixed by the Senate. The Examiners shall be the Professors of English Literature, Logic, and Moral Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment, he must enter one or more of the classes of English Literature, Logic, and Moral Philosophy, and in the course of his tenure of his Bursary must attend, besides the above classes, one or more of the Honours classes in English Literature, Logic, or Moral Philosophy. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed examinations in Logic, Moral Philosophy, and English for graduation in Arts.

5. Four Bursaries—viz., two at £25, and two at £19, shall be open for competition to students who, having passed the whole Preliminary Examination, are entering on their second session of attendance. Candidates shall be examined in such subjects in Mathematics as may be fixed by the Senate. The Examiners shall be the Professors of Mathematics and Natural Philosophy. Each Bursar must attend two classes in the Faculty of Arts. Immediately on his appointment he must enter the class of Mathematics, and prosecute the course of study required for passing the Honours examinations in Mathematics and Natural Philosophy for a Degree in Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in Mathematics and Natural Philosophy for graduation in Arts.

In session 1897-98 four of the above £25 Bursaries will be open to competition—viz., one in Theology, one in Medicine, one in Philosophy, and one in Mathematics. The Bursary in Theology will be decided by the results in the general competition for Bursaries in Theology. The competition for the Bursary in Medicine will be held along with the examinations for the Rainy Bursary. For the Bursary in Philosophy the subjects of examination will be those prescribed for the John Ferguson Jaffrey Bursary (see p. 257), and the examination will take place along with the Autumn examinations for M.A. in English and Logic. The examination for the Bursary in Mathematics will take place along with the Arts and Science Preliminary Examination in Mathematics, but may embrace higher papers.

Bursars in Theology—[1] Walter G. Forsyth, 1894; John S. Thomson, 1895; David Preston, M.A., 1896; Archibald Anderson, M.A., 1896.
Bursars in Medicine—[1] David S. Harvey, 1894; James D. Lickley, 1896; Allan Martin, M.A., 1896.
Bursars in Arts—[1] James Johnston (Phil.), 1894; [1] James E. Henderson (Math.), 1894; Duncan Mackenzie (Phil.), 1895; Peter Lowe (Math.), 1895; Matthew Babington (Phil.), 1896; William Dick (Phil.), 1896; Thomas Pullar (Math.), 1896; David K. Picken (Math.), 1896.

LUMSDEN BURSARY (*Theology*).—This Bursary was founded in 1850, by Mr. James Lumsden, stationer, Glasgow. Value, £15. It is given to a Divinity student of the first year, and may be held for four years. There is a preference to sons of members, or of deceased members of the Stationers' Company of Glasgow. The Patrons, viz., the Principal, the Professors of Divinity, Hebrew, and Church History, and the President of the Stationers' Company—have resolved that when no candidate with a preferential claim applies for the Bursary it shall be awarded in accordance with the results of the competition for Bursaries in Theology. (Vacant.)

LUSK BURSARY (*Arts*).—Founded in 1876, in accordance with holograph settlement executed by Mr. Robert Lusk, merchant in Greenock, who bequeathed the sum of £1,000, reduced by legacy duty to £900, for "a Bursary in connection with the Glasgow University, to be given to the most successful student attending the preparatory course of studies in said University who may intend to follow out the ministry in connection with any of the Presbyterian bodies in Scotland," "and who may, on public examination or competition, be found to be best qualified and most deserving." The competition is open to first or second year's students in Arts. Tenable for three years, but may be continued for an additional year. Value, £30 per annum.
Bursar—[1] Robert Aitken, 1894.

MACARTHUR BURSARY (*Medicine*).—Founded in 1881 by Miss Jean Macarthur, in memory of her uncle, John Macarthur, Doctor of Medicine in Glasgow. The Bursary consists of the annual proceeds of £500. The administration is vested in a Committee appointed annually by the Faculty of Physicians and Surgeons of Glasgow. The Bursary must be held by a student prosecuting the study of Medicine in the University of Glasgow. Under the rules laid down by the Committee, applicants must have completed three winter sessions of medical study, and not have entered on the fourth winter session. Preference will be given to applicants who have taken one or more First Class Certificates in the Medical Classes. The Bursary is tenable for two years.

[1] Vacant through lapse of time.

Application to be made prior to 15th April to Mr. Alexander Duncan, Faculty Hall, 242 St. Vincent Street, Glasgow, who will furnish forms of application.
Bursar—James Millar, M.A., 1897.

M'CRIE BURSARIES (*Arts*).—These Bursaries were founded by the Rev. James M'Crie, D.D., of Dangart, Senior Minister of the U.P. Congregation of Old Meldrum, in the County of Aberdeen. They are of the annual value of £25, tenable for four years, provided the holder passes a prescribed examination at the commencement of each session and complies with the other conditions mentioned in the Deed of Foundation. The Bursary fund consists of certain lands in the parish of Colmonell and other heritable and movable property mortified for the purpose and vested in the Magistrates and Town Council of Ayr. The candidates must have been born in the parishes of Ballantrae, Colmonell, Barr, Girvan, Ayr, Old Meldrum, Tarves, Daviot or Bourtie, or in the City of Aberdeen, or in the Town of Ayr. The students must also be the sons either of mechanics, or of cottars, or of farmers not paying more than £100 of yearly rent, or of ministers not having more than £130 of yearly income, without respect to religious sect or denomination. Candidates of the names of M'Crie, Forsyth, M'Cracken, or Spark, are to have a preference if otherwise deserving. The Bursaries may be held along with other Bursaries. One of the Bursaries on this foundation will be competed for in October next, and the examination will be held in Ayr. Candidates will be examined on the following subjects:—Classics: Latin, Greek. Mathematics: Arithmetic, Algebra, up to and including simple equations, Euclid, Books I. to III. English: Composition, Geography, and History of Scotland. Candidates must send their names and addresses to A. G. Young, Esq., Town Clerk, Ayr, not later than 1st October, 1897.
Bursar—Alexander D. Thomson, 1896.

JAMES MELVILLE M'CULLOCH BURSARY (*Arts*).—Founded in 1885 in memory of the late Rev. James Melville M'Culloch, D.D., minister of the West Parish, Greenock. It consists of the free annual income of about £400. It is open to competition to students of the first year in the Faculty of Arts, who shall have been educated for not less than three years at any school or schools in Greenock. Tenable for four years, the Bursar attending the qualifying course for the Degree in Arts. The second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations required for the Degree of Master of Arts. In the event of a vacancy occurring otherwise than by lapse of time, the Senate may appoint a student of the same standing qualified in like manner, or may arrange a new competition.
Bursar—John C. Russell, 1895.

MACDONALD BURSARIES (*Arts, Law, or Medicine*).—Two in number, founded in 1882, in terms of the Trust Disposition and Settlement of Mr. Alexander Macdonald, M.P., who bequeathed to the University £1,000 for the purpose of assisting students in a course of purely secular education. The Bursaries are equal in value and tenable for four years in Arts, Law, or Medicine. Only miners under the age of twenty-one years, who have worked underground in any part of the United Kingdom, are eligible as candidates. The Bursaries are awarded in accordance with the results of an examination in general knowledge, particularly in writing, arithmetic, geography, grammar, and history.

Bursars -Andrew R. Reid, 1896; William Robertson, 1896.

JOHN AND ISABELLA MACDOUGALL BURSARIES (*Arts*).—Founded in 1884, under the Trust Disposition and Deed of Settlement of Miss Isabella Macdougall, Perth. Miss Macdougall directed her Trustees to devote the residue of her means and estate to the foundation and endowment of one or more Bursaries, payable to students born in the county or city of Perth, attending the classes in the Faculty of Arts, in the Universities of Edinburgh, Glasgow, and St. Andrews. The Bursaries are of the annual value of about £33, and are tenable for a period not exceeding three years. The Trustees are the Patrons. The candidates, who may be of any religious denomination, must undergo an examination by examiners appointed by the trustees. The Bursaries are open to students who are either (1) about to enter on their first session, and who shall pass the Preliminary Examination in Arts, or (2) who have already attended the junior classes for one session. A vacancy occurring otherwise than by lapse of time may be filled up by the appointment, after examination, of a student of equal standing with the retiring Bursar. It is not competent for any person to hold any of these Bursaries along with any other Bursary or appointment yielding to him an annual income of fifty pounds or upwards. The Trustees are the following ministers in Perth, viz.:—The Rev. Wm. G. H. Carmichael, East Church Parish; the Rev. Archd. Fleming, St. Paul's Church Parish; the Rev. Peter R. Landreth, West Church Parish; the Rev. William Main, Middle Church Parish; and their successors in office for the time being, and Mr. Wm. Cochrane Young, solicitor in Perth. Candidates are requested to send in their names and addresses to Mr. Young, 9 St. John Street, Perth, on or before 1st September. (One vacancy.)

Bursars—[1] Robert B. Young, 1894; [1] Thomas Pullar, 1894; John Gilmour, 1896; Alexander M'Leish, 1896.

MALCOLM M'EWEN BURSARY (*Arts or Science*).—Mr. William M'Ewen, tobacco manufacturer, Glasgow, who died on 16th December, 1878, by his Trust Disposition and Settlement dated 28th November, 1878, directed his trustees, Mr. James Boyd, writer, Glasgow, and others, to devote a sum of £500 to the foundation of a Bursary in the University of Glasgow, to be called the "Malcolm M'Ewen Bursary," in memory of his brother, Mr. Malcolm M'Ewen, who died on 16th January, 1878. The Bursary was founded in 1884. After consultation with the Senate, the Trustees resolved that the regulations for the Bursary should be as follows:—The Bursary is open to competition at the annual Bursary Examination to all students entering on the first session of attendance at the University, is awarded by the Senate in accordance with the results of that examination, and is tenable for four years. The Bursar on his appointment must elect to follow either the course of study qualifying for the Degree of M.A., or the course of study qualifying for the Degree of B.Sc., and must attend at least two classes each winter session. The Bursary is payable by equal moieties on the second day of February, and at the close of the winter session, but the second moiety of the fourth year's Burse shall not be paid until the Bursar shall have passed all the examinations for the Degree appropriate to the course of study chosen by him at the beginning of his tenure of the Bursary. A vacancy occurring otherwise than by lapse of time may, in the discretion of the Trustees, either be filled up at the first term thereafter, or not till the usual term at which the competition for the Bursary would, in ordinary course, have fallen due, and, in the latter event, accumulations from this source are to be added to the capital fund. (Vacant.)

---

[1] Vacant through lapse of time.

JAMES MACFARLANE BURSARY (*Theology*).—Miss Helen Macfarlane, who died on 12th March, 1886, by a Codicil dated 15th August, 1882, to her Trust Disposition and Settlement, directed her Trustees to hand over to the Senate the Portrait of her late brother, Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and the sum of £1,000 free of legacy duty for the foundation of a Bursary in the Faculty of Theology, in memory of her brother, the Rev. Dr. James Macfarlane, minister of Duddingston. Preference to the name Macfarlane. The competition is open to Divinity students of the first year, who hold a Degree in Arts of any Scottish University, or who have passed their examinations in any four subjects taken out of at least two departments for graduation in Arts. The Bursary is tenable for three years, but in the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

Bursar—[1] David G. Webster, M.A., 1894.

JOHN MACFARLANE BURSARY (*Medicine*).—Founded in 1874 by the brothers and sister of the late Dr. John Macfarlane, Professor of the Practice of Medicine in this University, and to his memory. Patrons—The Medical Faculty. It is of £40 annual value, and it is tenable for three years. The competition is open to students who have attended the first session of their professional study in the University of Glasgow. The Examination will be held at the close of the first session of professional study. The subjects of Examination to be prescribed by the Patrons; and the success of the candidates in the examination in General Education will form an essential element of the decision. Any surplus which may accumulate from vacancies or otherwise, is to be applied to establish a "Macfarlane Prize" in the Class of Practice of Medicine. The subjects of Examination for this Bursary are Elementary Anatomy, Elementary Chemistry, and Botany.

---

[1] Vacant through lapse of time.

Bursar—James C. Turnbull, 1896.

ROBERT MACFARLANE BURSARIES.—By a Mutual Trust Disposition and Settlement of date 7th January, 1888, Miss Mary Ann and Miss Margaret Macfarlane directed their Trustees to make over to the Senate of the University of Glasgow a sum of £3,000 for the foundation of Bursaries in memory of their brother, Robert Macfarlane, Writer, Paisley, out of the estate bequeathed by him to them. The Bursaries are to be given to deserving students at the University of Glasgow looking forward to being lawyers, specially including students in the Law Classes, preference being given to young men connected with Paisley.

MACGROUTHER BURSARIES (*Arts*). Two in number, founded in 1872, the one by Mrs. Sophia Susan MacGrouther, widow of Mr. James MacGrouther of Leigham Court Road, Streatham, Surrey, who mortified in favour of certain trustees the sum of £500; the other by the Misses Mary and Jane MacGrouther, residing in Glasgow, his sisters, who also mortified in favour of the same trustees the sum of £500, for the purposes of the foundation, and in memory of, and in fulfilment of the intentions of, the said James MacGrouther. The Senate are the Patrons. The Bursaries are awarded by open competition among students entering the Faculty of Arts for the first time, and are tenable for four years; subject in each case to the condition that the Bursar shall pass the examinations required of students proceeding to the Degree of M.A.

Bursars—Charles G. M'Ilravey, £20, 1895; William G. Macalister, £15, 1895.

MACKINTOSH MENTAL SCIENCE BURSARY (*Medicine*).—Founded in 1889 by Dr. Donald Mackintosh of London, in memory of his brother, Dr. Alexander Mackintosh, for many years superintendent of the Royal Lunatic Asylum, Gartnavel. Value, about £31. Tenable for one year. The competition is open to matriculated students of medicine who have attended the Lectures on Insanity in the University, and will be awarded in accordance with the results of an examination conducted in June by the Professor of Practice of Medicine and the Lecturer on Insanity acting conjointly. The holder of the Bursary shall, while holding it, devote special attention to the practical study of Insanity to the satisfaction of the Faculty of Medicine.

Bursar—Thomas Hunter, M.A., B.Sc., 1896.

M'KECHNIE BURSARIES (*Any Faculty*).—Two in number, founded by the Disposition and Trust Settlement of the late Thomas M'Kechnie, merchant in Girvan, who bequeathed for that purpose the sum of £2,000 to the Minister of the Established Church in Girvan, the Magistrates of Girvan, and others, and appointed them patrons of the Bursaries. The Patrons, in nominating and presenting students to the Bursaries, are instructed to prefer, in the first place, such as are of the founder's kindred; secondly, such as are of the name of M'Kechnie; and thirdly, such as were born in the parish of Girvan, provided that such students are properly qualified by their previous education for entering the University of Glasgow. Failing candidates qualified as above, the Bursaries are to be awarded to those who shall be found best qualified and deserving. The Bursaries are tenable for four years. When a vacancy occurs application should be made to Messrs. W. and D. Andrews, solicitors, Girvan, not later than 31st August.

Bursars—James MacGregor, (Arts), 1895; Alexander Birch, (Med.), 1895.

MAITLAND CLUB BURSARY.—In 1888 Dr. W. H. Hill and Mr. J. Wyllie Guild, the then surviving members of Council of the Maitland Club, disposed of the remainder of the stock of the Maitland Club publications, and in pursuance of resolutions passed at meetings of the Council held on 3rd and 17th August, 1870, handed over the proceeds (£140) to the Senate for Bursary purposes. The free income is to be annually bestowed without any competitive examination on such student as the Senate may consider deserving. No appointment will be made until the free annual income amounts to £5.

MARSHALL BURSARIES (*One in Theology and One in Medicine*).—Mrs. Barbara Lauder or Marshall, relict of Alexander Marshall, wholesale stationer, Bell Street, Glasgow, by her Will dated 8th December, 1874, bequeathed to the Senatus of Glasgow University the sum of £1,000, under deduction of legacy duty, to found two Bursaries of equal value, one in Divinity and the other in Medicine. Tenable for four years. Preference to the name of Marshall, but provided "that the Principal and the Professors shall nominate and appoint such students only to the said Bursaries as they shall find, on such examination as they may appoint, to be properly qualified for entering upon the study of Divinity and Medicine at the said University." Present value, £17 per annum to each Bursar.

Bursar in Theology—Malcolm Mackinnon, 1896.

Bursar in Medicine—William M. Brown, 1896.

MARSHALL TRUST BURSARIES (*Arts*).—Under scheme 198, section 29, of the Educational Endowments (Scotland) Commission, approved by Her Majesty in Council, on 17th March, 1888, the Governors of the Marshall Trust are instructed to apply (1) a sum not exceeding £300 per annum in providing University Bursaries. These Bursaries are awarded by competitive examination among pupils of either sex who have held free scholarships or school bursaries under the scheme, and pupils of either sex who are resident and attending public or State-aided schools in Lanarkshire or Stirlingshire, whose parents or guardians are of the class specified in section 25 of the scheme. The Governors may apply (2) a further sum of £300 per annum in providing similar Bursaries to be awarded solely to pupils who have held free scholarships under the scheme, who shall have competed for but failed to obtain any of the first mentioned Bursaries, but on condition that such free scholars shall pass the examination prescribed by the Governors. Each Bursary is £30 per annum, and is tenable for not more than five years. Forms of application may be obtained from the Secretary of the Trust—Mr. William Mitchell, 134 Wellington Street, Glasgow—and should be lodged with him on or before the 1st day of September in each year. The names of candidates who are found to possess the prescribed qualifications will be sent by him to the Clerk of Senate that they may be entered at the University competition for Bursaries for students of the first year. The Bursaries will be awarded to those candidates highest in order of merit who fail to win a Bursary in the general competition. Under (1) there are two vacancies, and under (2) there are also two vacancies.

Bursars—Alexander Fraser, 1893; John A. C. Mackellar, 1893; William Scott, 1893; Leonard Stuart, 1893; Harry Diamond, 1894; Thomas Steele, 1894; Gregor Macgregor, 1894; Alexander Brown, 1894; Thomas R. Rodger, 1895; John Fulton, 1895; Robert S. Hamilton, 1895; George Galbraith, 1895; Dougald Macquistan, 1896; James Jack, 1896; Alexander Russell, 1896; David G. Taylor, 1896.

MENZIES BURSARIES (*Arts*).—The late Mr. James Menzies, of Glasgow, by his Will, dated 3rd November, 1837, left a sum of money to establish four Bursaries at either of the Universities of Edinburgh, Glasgow, or St. Andrews, tenable for four years, one to be given each year. The value of each Bursary is £45 per annum, but varies at the discretion of the Patrons. The Patrons are Sir Robert Menzies, Bart., of Menzies, and the Parish ministers of Dull, Weem, and Fortingall. In the first place, the kindred of the Testator; secondly, persons of the name of Menzies; thirdly, those born on the Menzies estates, will be preferred—provided always that they shall be found properly qualified by previous education; and failing these, the Patrons can present such as shall be found best qualified after due examination. The following are the subjects of examination:—*English*, Reading and Writing from Dictation; *Arithmetic*, as far as Decimal Fractions; *Euclid*, first three books; *Latin*, Caesar de Bello Gallico, first four books, and to translate a piece from English into Latin; *Greek*, Xenophon's Anabasis, first three books. Bursars to attend in some one of the above Universities the classes in their regular order for the M.A. Degree. Candidates are requested to send their names to Mr. Hugh Campbell, Camserney Cottage, Aberfeldy, on or before 20th September. (One vacancy.)

Bursars—[1] William Menzies, 1895 (1893); Alan W. C. Menzies, 1894; Tom A. Menzies, 1895.

MERCHANTS' HOUSE BURSARIES (*One in Arts, One in Law, and Two in Medicine*).—Founded in 1879 by the Merchants' House of Glasgow. The Bursaries are of the annual value of £25 each, and are four in number—viz., two in Medicine, one in Arts, which may also be held in Engineering and Mechanics, and one in Law, tenable by students attending the requisite classes in the above Faculties, with a preference to the sons of matriculated members of the Merchants' House, and such others as the Lord Dean and Directors may deem deserving. 1. The Bursaries in Medicine are tenable for four years. Candidates must be entering on their first winter session of attendance on the ordinary curriculum for Medical Students. 2. The Bursary in Arts, or in Engineering and Mechanics, is tenable for four years. Candidates must be entering on their first session of study, and must attend each session two at least of the classes in the Arts curriculum, including, at the option of the candidate, the class of Civil Engineering and Mechanics. 3. The Bursary in Law is tenable for three years. Candidates must be entering on their first session of attendance on the classes in the Faculty of Law, and must give regular attendance for the three years on classes in that Faculty. The subjects of examination for the Bursaries in Medicine are the subjects of the Medical Preliminary Examination, and for the Bursaries in Arts and Law are those prescribed for the General Bursary Competition, special importance being given in the examination for the Arts Bursary to the subject of Mathematics. When a vacancy occurs, applications should be lodged with W. H.

---

[1] Vacant through lapse of time.

Hill, LL.D., Clerk to the Merchants' House, on or before 1st September.

Bursar in Arts—Hugh R. Buchanan, 1894.

Bursar in Law—Alexander E. Adams, 1896.

Bursars in Medicine—Edgar W. Sharp, 1895; Francis J. Henry, 1896.

METCALFE BURSARIES (*Science*).—Founded by the late Miss Sarah Metcalfe, Glasgow, who, by her Deed of Settlement and Codicils, dated respectively 8th August, 30th September, and 7th October, 1853, bequeathed, subject to the liferent of her brother, Mr. William Metcalfe, certain properties in Glasgow, "for encouraging poor students in prosecuting the studies of Mathematics, Practical Astronomy, Chemistry, and Civil Engineering." Mr. Metcalfe died on 25th January, 1869, and by resolution of date 14th April, 1870, the Senate instituted, besides a Metcalfe Fellowship of £100 annual value (for which see Index), at least two Metcalfe Bursaries or Scholarships, each of the annual value of £25, and tenable for two years, subject to the condition that the scholar attend the four classes of Civil Engineering, Senior Mathematics, Practical Astronomy and Chemistry; two at least of these classes to be taken each year. The scholars to be appointed by examination in Pure Mathematics, including the elements of Plane Trigonometry, of Mechanics, and of Theoretical Astronomy, from among matriculated students entering the Intermediate Honours class of Mathematics, or the class of Chemistry. (Two vacancies.)

Bursars—[1] James Paton, 1895; [2] William G. Strang, 1896; David A. Keith, 1896.

MITCHELL (See Lochhead and Mitchell, p. 260).

MONTEITH BURSARIES (*Arts*).—Founded in 1869 by Mr. James Monteith of 38 Duke Street, St. James's, London. Three in number, each of the annual value of about £14, and tenable for three years. They are open for competition to all matriculated students of the Faculty of Arts, being natives of Scotland, and sons of Scottish parents, and may be held along with another Bursary. The examination to be in French and German in alternate years. Occasionally an extra Bursary will be given to the second-best candidate, of the same value as the others, but tenable only for one year. At the commencement of session 1897-98 a regular three years' Bursary will be competed for, the examination being in French.

Bursars—Robert W. M'Gill (French), 1895.

JOHN MONTEITH BURSARIES (*Medicine*).—Founded in 1884 by Mrs. Helen Monteith, Greenbank, Dowanhill Gardens, Glasgow, in memory of her husband, the late John Monteith. Mrs. Monteith assigned the sum of £1,000 to Dr. John Gray M'Kendrick, Professor of the Institutes of Medicine, Dr. James Duncan M'Laren, Fellow of the Faculty of Physicians and Surgeons in Glasgow, James Graham, LL.D., writer, Glasgow, and Robert Monteith, her adopted son, as trustees, in the first instance, for the administration of the fund. The annual income after payment of the expenses of administration is to be awarded as two Bursaries to students who have attended the first and second sessions of their professional studies in the University of Glasgow with a view to Graduation in Medicine in that University. The Bursaries are tenable for two years. One Bursary is awarded annually in the month of November, and is given to the candidate who gains the highest number of marks in the subjects of Anatomy and Physiology at the Professional Examinations in these subjects held during the previous year (*i.e.* the April and October preceding said month of November). The founder has directed that it be represented to the holders of the Bursaries that they should feel themselves in honour bound after graduation to render professional assistance to the poor as much as may lie in their power.

---

[1] Vacant through lapse of time.

[2] Vacant—Bursar appointed to a Scholarship.

Bursars—[1] Thomas Hunter, M.A., B.Sc., 1895; William K. Hutton, 1896.

MORGAN BURSARIES (*Arts and Theology*).—Mr. John Morgan, West India Merchant, who died at Springfield House, Bishopbriggs, on 4th May, 1894, in his Trust Disposition and Settlement directed the Merchants' House to pay over half-yearly to the Presbytery of Glasgow one third of the net revenue of his estate to be applied in providing Bursaries for students in the University of Glasgow intending to become ministers of the Church of Scotland, one third to students in Divinity and two thirds to students in Arts. The students in Arts must be under twenty years of age, and must have passed the Preliminary Examination. The appointments are made for one year only, but may be renewed from year to year for one or more years. No Morgan Bursary shall exceed £20 a year. The holder of another Bursary of £20 or upwards cannot be appointed to a Morgan Bursary, but the holder of a Bursary of less than £20 may be appointed to a Morgan Bursary of such value that the two Bursaries together shall not exceed £20. Further particulars and schedules to be filled up by applicants may be obtained from the Presbytery Clerk.

MUIR BURSARIES (*Two in Arts or Science, Two in Science, and One in Theology*).—Founded in 1880, in terms of the Trust Disposition and Settlement and Codicil thereto of the late Mr. Matthew A. Muir, merchant in Glasgow, who bequeathed to the Senatus Academicus of Glasgow University, free of legacy duty, the sum of

---

[1] Vacant through lapse of time.

£1,000 for providing a Bursary in connection with the Chair of Divinity, to be awarded to a student of Divinity during the last three years of his curriculum; a sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Mathematics, to be awarded to advanced students in Mathematics, the period of tenure to be fixed by the Senate; and a further sum of £1,000 for providing two Bursaries of equal amount in connection with the Chair of Civil Engineering and Mechanics, to be awarded to advanced students of Engineering and Mechanics, the period of tenure to be fixed by the Senate. Any of the Muir Bursaries in Mathematics and Civil Engineering may be held along with another Bursary.

The following rules and regulations have, in accordance with the provisions of the Deed, been sanctioned by Mr. Muir's trustees, and are to be observed in all time coming:—

1. *Muir Bursary in Divinity.*—Candidates must be entering on their first session in Theology in the University, and the appointment to the Bursary shall be determined by the result of the annual competitive examination for Bursaries in Theology. The competition shall be open to candidates holding a Degree in Arts in any Scottish University, or who have passed their examinations in four subjects taken out of at least two departments for graduation in Arts. The Bursary shall be tenable for three years, but the second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations for the Degree of Bachelor of Divinity.

2. *Muir Bursaries in Mathematics.*—Two in number, of which the Junior Bursary shall be tenable for two years, and the Senior Bursary for one year, the former being of half the annual value of the latter. The appointment shall be determined by the proficiency shown by the candidates in the earlier part of their Mathematical course, and the successful candidates shall prosecute the study of the Higher Mathematics during their tenure of the Bursaries. No candidate shall be allowed to hold both Bursaries at the same time. Should the Junior Bursary be resigned by the Bursar at the end of his first year of tenure, the Senate may make an appointment for the remainder of the period.

3. *Muir Bursaries in Civil Engineering and Mechanics.*—Two in number, and of equal value. The appointments shall be determined by the proficiency shown by the candidates in the earlier part of their Engineering course. The period of tenure for each Bursary shall be the session of attendance on the Senior Class of Civil Engineering and Mechanics (Class IV.). Should a vacancy occur by reason of non-attendance of a selected candidate, the Senate may make an appointment for the remainder of the period. No candidate shall be allowed to hold both Bursaries.

4. The Senate reserve the right to withhold the Bursary in any

case in which a satisfactory standard has not been attained by any of the competitors.

5. Arrangements for carrying out these rules and regulations shall from time to time be made by the Senate, and notice thereof shall be published in the *University Calendar.*

Arrangements for Session 1897-98.—*Muir Bursaries in Mathematics.*—The appointment to the Junior Bursary, tenable during sessions 1898-99, 1899-1900, shall be determined by the results of the written examinations passed in the course of the session 1897-98 by the public students of the Second Class of Mathematics. The successful candidate shall, during session 1898-99, attend the Intermediate Honours Class, and during session 1899-1900 the Advanced Honours Class of Mathematics. The appointment to the Senior Bursary, tenable during session 1898-99, shall be determined by the results of the written examinations passed in the course of the session 1897-98 by the public students of the Intermediate Honours Class. The successful candidate shall, during 1898-99, attend the Advanced Honours Mathematical class.

Muir Bursaries in Civil Engineering and Mechanics.—Candidates for the Bursaries tenable during session 1898-99 must be (*a*) students attending during session 1897-98 Engineering Class III., who are also attending or have in a previous session attended the Junior or the Senior Class of Engineering Drawing and Calculations, or (*b*) students attending during session 1897-98 the Junior or the Senior Class of Engineering Drawing and Calculations, who have in a previous session attended the Engineering Class II. or Class III. The appointment shall be made by consideration of merit shown during attendance on, and by examination in the subjects of those classes. The successful candidates shall, during session 1898-99, attend the Senior Class of Civil Engineering and Mechanics (Class IV.).

Bursars in Mathematics.—Junior Bursar for sessions 1897-98 and 1898-99, Robert B. Carslaw, 1897; Senior Bursar for session 1897-98, William G. Strang, 1897.

Bursar in Civil Engineering and Mechanics for session 1897-98—Archibald M. M'Millan, 1897.

Bursar in Theology.—[1] John Ruggan, 1894.

William Muir Divinity Bursaries (*Theology*).—Established in 1886 by the Governors of the Glasgow General Educational Endowments Board, under Section 35 of their Scheme. The Bursaries are two in number, each of £25 annual value. Candidates must have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University, and must lodge applications with Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, on or before the 20th day of October. The Bursaries are awarded in accordance with the results of the competition for Bursaries in Theology, and are tenable for two years.

---

[1] Vacant through lapse of time.

Bursars—[1] Arthur S. Middleton, 1895 ; David F. Liddle, 1896.

NOTMAN BURSARY (*Theology*).—By deed of Settlement dated 15th August, 1876, Mrs. Margaret Adam Notman or Napier of Hillhead, Glasgow, widow of Mr. William Napier, directed her executors to pay over to the Principal and Professors of the Glasgow College, the sum of £500 sterling for the purpose of founding a Bursary in the College, to be called the Notman Bursary, in memory of her father and brother. The Bursar to be a student of Divinity, who shall appear in public examination to be best qualified and deserving. Present value, £18 per annum.

Bursar—Thomas Skeoch, 1896.

JAMES PATERSON BURSARY (*Arts*).—Founded in 1885 in commemoration of the completion, in 1879, of the fiftieth year of the existence of Adelaide Place Baptist Church, Glasgow, and of the Pastorate thereof of Dr. James Paterson during the same period. The sum subscribed for the purpose, amounting with interest to £619, was assigned and conveyed to the Senate in trust to be applied in all time coming to provide a Bursary in the Faculty of Arts to be called the James Paterson Bursary. The Bursary is tenable for four years, and is open to competition to any student of the first year in Arts who is a member of a Baptist Church, and who is entering upon his studies with a view to the ministry in the Baptist denomination. The Bursar during his tenure of the Bursary must be a member of Adelaide Place Baptist Church or of some other Baptist Church in Glasgow or neighbourhood. The Bursar must graduate in Arts, and before payment of the second moiety of the last year's Bursary must produce evidence that he has taken the degree, or that he has passed all the examinations necessary for graduation. On the Bursary falling vacant otherwise than by lapse of time, the Senate may appoint for the remainder of the term, or for the full period after competition. Before payment of the second moiety in each year the Bursar must produce a certificate of fitness for the ministry from a Committee of Adelaide Place Baptist Church, from the Baptist Union of Scotland, or some recognized Educational Institution of the Baptist Body.

Bursar—Eric J. Roberts, 1896.

JAMES ALEXANDER PATERSON BURSARIES (*Arts and Medicine*).—Founded in 1892, under the Trust Disposition and Settlement of James Alexander Paterson (for many years a member of Shamrock Street United Presbyterian Church), who died at Glasgow on 31st January, 1889. The Bursaries in Arts are six in number, three being of the annual value of £40 and three of £20 each, and are tenable for three years. They are open to competition to students entering upon the second year of their attendance at the University, who purpose studying for the ministry in connection with the United Presbyterian Church, and who intend to qualify for and take, in the University of Glasgow, the degree of M.A. Each candidate before the competition must lodge with the Clerk of Senate, (1) a written declaration of his intention to comply with and observe these conditions, and (2) a certificate from the Chairman or Clerk of the Theological Committee of the United Presbyterian Church, bearing that the Candidate is recognized by that Church as an accepted student pursuing his studies with a view to the ministry therein. In October, 1897, two Bursaries of £40 and £20 respectively will be offered for competition. The Examination is in Hebrew (Genesis, chap. xxiii., xxiv.) and Greek (Euripides, *Alcestis*, and Gospel according to Luke). The Bursaries in Medicine are eight in number, four being of the annual value of £30 and four of £15 each, and are tenable for four years. They are open to competition to students entering upon the second year of their medical curriculum at the University of Glasgow, who intend to qualify for and take, in the University of Glasgow, the degree of M.B. Each candidate must before the competition deliver to the Clerk of Senate a written declaration of such intention. The subjects of examination are Mathematics and Natural Philosophy. Two Bursaries of £30 and £15 respectively will be offered to competition in October, 1897.

---

[1] Vacant through lapse of time.

It shall be competent for the holders of these Bursaries, whether in Arts or in Medicine, to hold any other Bursary or Scholarship in this University, if the Regulations of that other Bursary or Scholarship permit.

Bursars in Medicine—[1] Walter S. Findlay (£30), 1893; [1] John Crow (£15), 1893; [1] William Martin (£15), 1893; Walter Colquhoun (£30), 1894; John J. Buchan (£15), 1894; Hyam Goodman (£22 10s.), 1895; Ebenezer Mitchell (£22 10s.), 1895; George F. Buchan (£30), 1896; William B. I. Pollock (£15), 1896.

Bursars in Arts.—[1] William Fulton (£40), 1894; [1] James W. Patrick (£20), 1894; Hugh Alexander (£40), 1896.

PATRICK BURSARIES (*Arts*).—These Bursaries were founded in 1860 by Mr. William Patrick of Roughwood, W.S., and were originally two in number, the one consisting of the free annual proceeds of a sum of £2,000 of consolidated stock of the Glasgow and South-Western Railway, the other of the free annual proceeds of £1,000 of the same stock. They were tenable for two years, but might be continued for other two. By Ordinance No. 85 of the Universities Commission (1889) the number of Bursaries was increased to three, all equal in value, and tenable for four years. If a Bursar graduate at the end of three years he shall only retain

[1] Vacant through lapse of time.

his Bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. In other respects also the provisions of Ordinance No. 57 apply to the Patrick Bursaries. Candidates must have gone through a course of education at some one of the Public Schools in the County of Renfrew, where a regular course of Classical Study is pursued, and must be in circumstances to render it desirable that they should have assistance in prosecuting their studies at the University. The Rector or Head Teacher of such Public School to grant a certificate to any number, not exceeding four of his best scholars, who shall be entitled to present themselves to the Principal and Professors as candidates for the Bursaries. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office). (One vacancy.)

Bursars Thomas M'Ewan, 1895; Francis P. H. Stirling, 1896.

GLASGOW PERTHSHIRE SOCIETY'S BURSARY (*Arts*).—Founded by the Glasgow Perthshire Society in 1873. Value, £25, and tenable for three years. Open to competition to natives and sons of natives of the county of Perth, and also to sons of persons who are *bona fide* residents in that county, and have resided in it for not less than three years at the time of the competition. Candidates must be entering on their first year of attendance as students in the University of Glasgow, and the holder of the Bursary will be required to complete attendance on at least two of the classes in the curriculum of Arts in each session. Names of candidates to be sent to Mr. George Gray, writer, County Buildings, Glasgow, Secretary of the Society, not later than the twenty-fifth day of August preceding the competition.

Bursar—[1] James Cappell, 1894.

POLLOCK BURSARIES (*Arts*).—Founded in 1878, in terms of the Trust Disposition and Settlement of the Rev. Alex. Pollock, senior minister of the Free South Church, Paisley, who bequeathed £3,000, free of legacy duty, for that purpose. The Bursaries are designed to assist young men entering the University of Glasgow, whose circumstances are such as to render it desirable that they should have assistance in prosecuting their studies. The patrons are the Principal and Professors in the Faculty of Arts. Each candidate must lodge along with his application a letter from the Rector, Headmaster, or Classical Teacher of one of the Public Schools or Public Academies within the parliamentary boundaries of the burgh of Paisley, where a regular course of Classical study is pursued, certifying that he has completed his course of education at such school or academy. Certificate forms may be obtained from the Assistant Clerk (Matriculation Office). Should no such qualified candidates present themselves, or should the otherwise qualified candidates fail to reach a satisfactory standard in the Bursary Examination, the Bursary or Bursaries vacant for the time being shall be open to all the candidates in the ordinary Bursary Competition. The Bursaries are three in number, and are tenable for three years, during which period the Bursars must be students in the Faculty of Arts. The second moiety of the third year's Burse shall not be paid until the Bursar shall have passed the examinations in four subjects taken out of at least two departments for graduation in Arts.

---

[1] Vacant through lapse of time.

Bursars—[1] Hugh Brown, 1894; Duncan M'Taggart, 1895; [2] James N. Stirling, 1896.

RAINY BURSARIES (*Medicine*).—In 1872, Dr. Harry Rainy, Emeritus Professor of Medical Jurisprudence in this University, made over to the Senate the sum of £1,000 for the institution of two Bursaries in the Medical Faculty, and a further sum of £500 to be invested as a supplementary or augmentation fund. The interest of the Bursary Fund is to be divided annually between the two Bursars; and the interest of the supplementary fund is to be employed towards defraying the expenses of administration, and bringing up, when necessary, the annual salaries of the Bursars to £20 each, and increasing the supplementary fund. Should this fund accumulate to £1,000, one half of it is then to be added to the Bursary fund, the interest of which shall be divided as before between the two Bursars. If by this process of augmentation, which is to be repeated as often as the supplementary fund amounts to £1,000, the Bursary fund shall at length yield £60 per annum to each Bursar, the Senate may continue the same process, or constitute additional Bursaries on the principle explained above, the original Bursaries remaining of the value to which they have been raised by augmentation. The augmentation fund is not at any time to be reduced below £500.

One Bursar shall be elected annually after competitive examination on the subjects of Anatomy, Chemistry, Botany, Physiology, and Zoology. The competition is to be open to all students who have completed two years of the regular Medical curriculum at the University of Glasgow, and who are about to commence their third winter session; and the examination is to take place in the month of October.

The successful candidate may hold his Bursary for two years, namely, during his third and fourth years of study in the University of Glasgow. A vacancy occasioned by death, irregular attendance, or misconduct, is not to be filled up till the usual term at which the competition for that Bursary would have fallen due, and accumulations from this source are to be added to the supplementary fund.

---

[1] Vacant through lapse of time. [2] Appointed subject to Ord. No. 57, Sec. xv.

In 1897 the competition for one of these Bursaries will be held on 4th and 5th October. Candidates are required to give in their names (with Certificates) to the Assistant Clerk (Matriculation Office), on or before the 16th September.

Bursar—[1] Kenneth M. Duncan, 1895.

RAMSAY WALKER BURSARIES (*Arts*).—Two in number, founded in 1879, under the Trust Disposition and Settlement of Miss Ramsay Walker, Crosshill, who bequeathed £700, reduced by legacy duty to £630, for educating two students with a view to the ministry of the Established Church of Scotland. Preference to kindred of the founder, whom failing, to students of the name of Walker, whom failing, to natives of Glasgow, whom failing, the Bursaries will be thrown open to public competition. Candidates must be qualified by their previous education for entering the University. Tenable for four years.

Bursars—James R. S. Wilson, 1896; Arthur P. S. Tulloch, 1896.

ROSS BURSARY.—(See Hyndford and Ross, p. 256.)

JOHN ROSS, JUNIOR, BURSARY (*Theology*).—Founded in 1880 by Mrs. Ross, widow of Mr. John Ross, junior, merchant in Glasgow, in memory of her husband. Patrons—The Senate of the University. The Bursary Fund consists of the capital sum of £1,000, set aside by Mrs. Ross for that purpose. The Bursary is tenable for three years by a student of Divinity in the regular course of study for the degree of Bachelor of Divinity with a view of becoming a clergyman of the Established Church of Scotland. Candidates must be entering on the first session of their study in Theology in the University, and the award shall be determined by the result of the annual competitive examination for Bursaries in Theology. In cases of equality in the competition there is a preference to the student who may be thought to stand most in need of help to carry on his theological studies, or to one who is a native of Ayrshire. The second moiety of the third year's Burse shall not be paid to any Bursar unless and until he shall have passed all the examinations required for the degree of B.D. In the case of a vacancy occurring otherwise than by lapse of time, the Senate may appoint, with or without examination, a student of the same standing as the previous Bursar.

Bursar—Duncan Cameron, M.A., 1896.

SANDERS BURSARY.—(See Boyd and Sanders Bursary, p. 235.)

SCOTT BURSARIES (*Arts*).—The centenary of the birth of Sir Walter Scott was celebrated in Glasgow in 1871, and in conformity with a suggestion made by Lord Stanley (Earl of Derby), then Lord Rector of the University, the committee who had charge of the arrangements resolved to raise by public subscription a fund for the benefit of distinguished students, and to associate it with Scott's name. The amount subscribed was £3,500, and accordingly two Bursaries, along with the Scott Scholarship, were founded in 1874. The fund is administered by trustees, two of whom are elected by the Senatus, two by the Merchants' House, one by the Faculty of Physicians and Surgeons, one by the Faculty of Procurators, and one being an Assessor of the Council in the University Court, appointed by the four Assessors or a majority of them, in accordance with the provisions of Ordinance No. 91 of the Universities Commission (1889). The Bursaries are now three in number, each of the annual value of £25, and tenable for four years. They are open to free competition, under the same regulations as the competition Bursaries in the University.

---

[1] Vacant through lapse of time.

Bursars—John Murphy, 1894; William A. Edward, 1895; William D. H. Stevenson, 1896.

SHEARER BURSARIES (*Any Faculty*).—Founded in the year 1887, by Archibald Shearer of Boag, who resided in Beith. By Deed of Mortification executed by Mr. Shearer dated 29th April, 1887, he conveyed his lands of Boag, in the parish of Kilbirnie, to trustees for the foundation and endowment of three Bursaries for the advancement of the higher education of the young men of his native parish of Dalry, in the county of Ayr. The Deed provides that the Bursaries shall be open to applicants between the ages of fourteen and twenty-four, who are the sons of parents or of a surviving parent *bonâ fide* resident for a period of not less than two years immediately preceding the date of application in the parish of Dalry, or to applicants who, for a period of not less than the last two years of their school curriculum, have received their education in the schools within the said parish, to enable the Bursars to pursue their education as students at the University in one or other of the Faculties. Students who have enjoyed a Bursary during their Arts course are eligible for a second Bursary in another Faculty. Applicants to undergo such examination as the trustees may from time to time appoint. Each Bursary to be one-third of free income from the lands of Boag, but not exceeding the annual sum of £30, and to be tenable for three years. Further information will be afforded by the Agents of the Trustees, Messrs. J. & J. M'Cosh, writers, Dalry.

Bursar—Daniel K. Campbell, 1896.

SHIPWRIGHTS' COMPANY BURSARY.—In 1893 the Shipwrights' Company, London, intimated their intention to give a Bursary of the annual value of £25 to be competed for in the month of October by persons who intend to become students of Naval Architecture in the session then beginning. A preference is given to a candidate whose circumstances make pecuniary assistance of special value in the prosecution of his studies, and who comes to the University after serving in a shipyard. The subjects of examination are those prescribed for the Preliminary Examination in Science.

Bursar—[1] Charles La Torre, 1896.

SMITH (CRUTHERLAND) BURSARY (*Any Faculty*).—In 1849 Dr. John Smith of Crutherland founded two bursaries, which were not restricted to any particular Faculty. Patrons—The Directors of the Incorporated Company of Stationers. Sons of members of the Company are preferred, then sons of persons connected with any of the trades included in their charter, whom failing, such other students as may be approved of by the patrons. The value of each was £9 per annum, and they were tenable for one or more years at the option of the patrons. Ordinance No. 77, issued on 15th February, 1895, provides that the two bursaries shall hereafter be conjoined into one, and that the bursary shall be tenable for four years. If a bursar in Arts graduate at the end of three years, he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study approved by the Senate in subjects included in the curriculum for Degrees in Arts or in Pure Science. If a bursar in Divinity graduate at the end of three years he shall only retain his bursary during the fourth year of tenure if he shall engage in a course of study in Divinity approved by the Senate. Applications to be made to Mr. R. Brodie, 77 St. Vincent Street, Glasgow.

Bursar—[1] James B. Paton, 1896.

STEVENSON OF DALRY BURSARIES (*Arts*).—The Rev. Robert Stevenson, D.D., minister of the Parish of Dalry, Ayrshire, who died on 11th September, 1890, by his Trust Disposition and Settlement dated 28th July, 1890, directed his Trustees to pay over to the University Court the sum of £2,000, free of legacy duty, for the foundation of two Bursaries in Arts. They are open for competition to students entering on the first or second session of attendance in the Faculty of Arts, who are prosecuting their studies with a view to the ministry of the Church of Scotland, with a preference in the first place to natives of the parish of Dalry in Ayrshire, and in the second place to natives of the parishes of Bannockburn or St. Ninians in Stirlingshire. The Bursaries, which are of equal value, are tenable for four years.

Bursars—[2] John Walker, 1895; Peter G. Smith, 1896.

STEWART BURSARIES (*Arts*).—These Bursaries, three in number, founded in 1809 by the Rev. James Stewart, are in the gift of the Senate. They commence with the Humanity or the Greek Class, and may be held during the Gown Course. Value, £15 per annum each. The names Stewart and Simpson were preferred, but this preference was cancelled by Ordinance No. 57 of the Universities Commission (1889). In case of a vacancy, a student of the same standing is appointed.

---

[1] Vacant through lapse of time.

[2] Appointed subject to Ord. No. 77, Sec. xv.

Bursars—Wallace Fairweather (1895), 1896; Thomas M. Smith, 1896; George Stewart, 1896.

STILLIE BURSARY IN MUSIC.—This Bursary was founded by Mrs. Thomas Stillie in 1885, the Trustees being the Executive Council of Queen Margaret College, and their successors in office. The Trustees were to apply the annual proceeds of the investment of £125 in providing one Bursary, to be granted yearly to a student of Music, as a reward for proficiency in Music, and an encouragement to further study. The Trustees were empowered to make such regulations as they should see fit from time to time for testing the merits of the candidates, and also for prescribing the age of candidates and the course of study to be pursued in connection with Queen Margaret College or otherwise, which the Trustees might desiderate as a condition of awarding the Bursary. The University Court, having taken over Queen Margaret College, are the successors in office of the Executive Council of Queen Margaret College in respect of the Stillie Bursary Fund, which in January, 1895, amounted to £160. The following regulations have been adopted by the Court:—1. The Bursary shall be awarded in connection with the examinations in Music conducted in Glasgow by the Associated Board of the Royal Academy of Music and the Royal College of Music. 2. The Bursary shall be awarded by the Senate on a report by the Examiners of the said Board. 3. Only candidates for the Senior Grade Examination shall be eligible, and the Bursary shall be awarded to the candidate examined in Glasgow who shall obtain the highest number of marks in that examination. 4. The Bursary shall not be awarded if the candidate with the highest number of marks has not obtained honours; and in that case the proceeds shall be added to the capital fund. (Vacant.)

DR. STRANG BURSARIES (*Science*).—Mrs. Machen of Ferniecraig, Skelmorlie, who died recently, left funds for the foundation of four Bursaries, each of the annual value of £20, to be instituted in connection with the University of Glasgow, in memory of her brother, the late Dr. John Strang, City Chamberlain of Glasgow from 1834 to 1863. The Trustees under their powers have meanwhile agreed that these Bursaries should be tenable by students of Engineering Science in the University of Glasgow. Each Bursary is tenable for three years. The Bursaries shall be awarded on the results of the Science Preliminary Examination, and no candidate shall be appointed to a Bursary unless he passes the whole preliminary examination. Each Bursar shall be required to attend a course qualifying him for graduation in Engineering Science on the side of Engineering.

The Bursaries shall be payable by equal moieties in the month of January and at the close of the winter session, but the second moiety of the second year's Burse shall not be paid until the student has passed the first Science Examination for B.Sc. in Engineering Science, except in special circumstances. No student shall be entitled to hold a Dr. Strang Bursary who is receiving any other Bursary.

In each of the years in which two appointments fall to be made, the Trustees, in appointing to the second Bursary, will take into account, not only the results of the examination, but also, and specially, other circumstances (financial and otherwise) affecting the candidates. One Bursary of £20 for session 1897-98 will be awarded after the preliminary examination in September-October, 1897.

Further particulars may be obtained from Professor Barr, D.Sc., Engineering Department, University of Glasgow, or from Messrs. Kerr & Barrie, Solicitors, 149 St. Vincent Street.

Bursars—Patrick O'Hanlon, 1896; John G. Henderson, 1896.

STRUTHERS BURSARY.—(See Gilhagie and Struthers Bursary, p. 250).

TAYLOR BURSARIES (*Any Faculty*).—Two in number, founded by Mr. James Taylor, writer in Glasgow, who by Trust Disposition and Settlement of date 30th June, 1857, bequeathed to the University the sum of £800 for Bursaries. After Mr. Taylor's death, the trustees found that the estate was not sufficient to pay the various legacies in full. They paid over to the University in January, 1868, the sum of £560, and in September, 1878, a further and final dividend of £80, making in all £640, the free proceeds of which are applied to the payment of the two Bursars. The Senate are Patrons. The preference given to the names Tayler or Taylor, Ronald, Dunlop, Henderson, and M'Arthur, was cancelled by Ordinance No. 57 of the Universities Commission (1889).

Bursars—[1] Matthew L. Taylor, 1893; James M. Black, 1895.

JAMES THOMSON PHILOSOPHICAL ENTRANCE BURSARY (*Arts, Phil.*).—Founded by subscription in 1878 in memory of James Thomson, M.A., a distinguished student of this University, who died in 1876 before the close of his theological curriculum. The Bursary consists of the proceeds of a sum of about £300, and is tenable for two years. It is awarded biennially for the best examination in (*a*) Mental Philosophy and (*b*) English Literature alternately. The examination is open to all students of the first and second year who have not already attended the Logic, Moral Philosophy, or English Literature Class, and who have not attended a session in any other Scottish University. The Bursary is payable in four instalments, but the last instalment will not be paid till the Bursar has passed his examinations in Latin and Greek for the M.A. Degree in Glasgow University. The subjects of Examination in Mental Philosophy and English Literature respectively are the same as for the John Ferguson Jaffrey Bursary. (See page 256.)

---

[1] Vacant through lapse of time.

The next examination will be held in October, 1898, the subject of examination being English Literature.

Bursar—John Riddell, 1896.

WALKINSHAW YOUNG BURSARY (*Law*).—Founded in 1878 by Major Young, Dunmore, Kirn, who bequeathed to the University a sum of £500, free of legacy duty, for promoting any useful branch of Education which the Principal and Professors may think proper.

The following regulations have been adopted:—

1. The Bursary shall be tenable for two years, during which the holder shall give regular attendance as a public student in the Faculty of Law in the University, to the satisfaction of the Senate.

2. All persons who within two years previous to the time when an appointment to the Bursary is made, have, at an examination in Arts, for the Degree of B.L. passed in not fewer than two Arts subjects, or have passed in any two subjects for the Degree of M.A., shall be eligible as candidates, and the Senate shall appoint that one among the candidates who in their opinion is the most distinguished. A student who passes a qualifying Examination in the November of the session in which an appointment is made, shall be held eligible within this rule, but one who has passed an examination in the November two years preceding such an appointment, and has not passed any subsequent qualifying examination, shall not be eligible.

3. The Bursary shall not be tenable along with any other Bursary or Scholarship in the University.

The next appointment to this Bursary will be made in December, 1898. Applications to be sent in to the Clerk of Senate on or before 1st December of that year.

Bursar—Robert Tennent, M.A., 1896.

WALTON BURSARY (*Medicine*).—This Bursary was founded in 1763 by Dr. William Walton, Huntingdon, for a student in Medicine. The Earl of Sandwich has the right of appointing to the Bursary one of two students nominated by the Senate. Preference is given to "Students of the English Nation." The Bursary may be held for four years. Value about £35 per annum.

Bursar—Archibald Jubb, 1896.

ANDREW WEIR BURSARY (*Medicine*).—Founded in 1884, in terms of a Bequest by Mrs. Janet Maxwell or Weir, relict of Andrew Weir, feuar in Paisley. Mrs. Weir bequeathed the sum of £500 to the University, and directed the annual income of the legacy to be devoted to maintaining a Bursary in connection with the Medical School, in such a manner as the Senate may appoint. The Bursary is in memory of a son of the founder, Andrew Weir, a medical student of Glasgow University, who held subsequently the post of Resident Physician in the Paisley Infirmary, and in the discharge of his duties there contracted a fever, of which he died. The Bursary is awarded annually at the beginning of the Winter Session, in accordance with the results of the second and third professional examinations, account being taken of the marks gained by all students who have passed both of these examinations within a period not exceeding thirteen months, reckoning backward from the date of the professional examinations in October of each year. During the tenure of this Bursary, which may be held along with another Bursary, the holder shall be bound to give regular attendance on the classes of the medical curriculum in the University.

Bursars—[1] Norman E. H. Scott, 1896.

WILLIAM WHYTE BURSARIES (*Arts, Law, or Medicine*).—Four in number, founded in 1893 in memory of Mr. William Whyte, at one time Preceptor of Hutchesons' Hospital, in accordance with instructions contained in the Trust Disposition and Settlement of his daughter Mrs. Isabella Whyte or Bamber, who died in 1882. The Trustees executed a Deed of Mortification transferring £2,000, less legacy duty, to Hutchesons' Hospital. The Bursaries are each of the annual value of £25, and are tenable for four sessions in the Faculties of Arts, Law, or Medicine. They are open to competition by boys who have attended and completed the curriculum in the Secondary Department of Hutchesons' Grammar School. Candidates must give in their names to Messrs. Hill & Hoggan on or before 1st September in each year, to be sent to the Clerk of Senate, that they may be entered for the University Entrance Bursary Competition. One Bursary will be awarded every year to the candidate highest in the order of merit who shall not have gained and elected to hold a Bursary of equal or higher value at the general competition, provided his attainments have reached a standard satisfactory to the Patrons of Hutchesons' Hospital.

The sum of £408 15s. 8d. at the credit of the Fund at 31st December, 1892, is to be allowed to accumulate until that sum, with such additions as may accrue from any portion of the income that may not be required for the purposes aforesaid, shall amount to a sum which will produce a return of £20 yearly. There shall then be instituted a Bursary of that value, to be competed for by girls educated in Hutchesons' Girls' School, which Bursary shall be tenable at the University of Glasgow.

Bursar—John Gardner, 1894; John Young, 1895; Edward Magoveny, 1896.

---

[1] Vacant through lapse of time.

King William's Bursaries (*Two in Arts and Two in Theology*).—These Bursaries, founded by His Majesty King William III. in 1695, were formerly six in number and known as the Exchequer Bursaries. They were tenable for six years—the first in Logic, the second in Moral Philosophy, the third in Natural Philosophy, and the last three in Divinity. The bursars in Philosophy received £10 per annum each, and those in Divinity £13 6s. 8d. The Foundation was regulated by Act of Parliament, 1758. By Ordinance No. 99 the Universities Commission (1889) altered the conditions and directions affecting the Foundation, making two Bursaries in the Faculty of Arts each of the annual value of £15, and two in the Faculty of Divinity each of the annual value of £20. Each of the Bursaries is tenable for three years, and no longer. The Bursaries in Arts are open by competition to all students entering on their first year of attendance on a course of study for graduation in Arts. The Bursaries in Divinity are open by competition to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study for graduation in Divinity. In other respects the provisions of Ordinance No. 57 apply to the Bursaries on this Foundation. (One vacancy in Arts and one in Theology.)

Bursar in Arts—James N. Brown, 1896.

Bursar in Divinity—Joseph Campbell, 1896.

Williams Bursaries (*Arts and Theology*).—The Rev. Dr. Williams, London, in the year 1711 bequeathed to certain individuals in London, in trust, an estate, to found Bursaries for educating natives of South Britain at the University of Glasgow. The founder, with a particular view to support the cause of Protestant dissent in England, directs that every Bursar on this foundation shall promise, in writing, to become a preacher among the dissenting ministers of that country. The Bursaries are tenable for three years, but renewable for another year on application, on the understanding that the student has graduated in Arts, and is about to enter the Divinity Hall. Value, £40 per annum each. The right of presentation is vested in the founder's trustees. Secretary to the Trust—Mr. Francis H. Jones, Dr. Williams' Library, Gordon Square, London, W.C. The state of the funds of this foundation will not admit of more than one appointment being made in session 1897-98.

Bursars—[1] Richard R. Williams, 1894; Henry A. Inglis, 1895; Richard L. Franks, 1896.

Wilsone Bursary.—(See Boyd and Wilson, p. 235).

George Young Bursary (*Science*).—By Trust Disposition and Settlement of date 30th August, 1892, Mrs. Catherine M'Farlane or Young, who died at Helensburgh on 4th November, 1893, directed her Trustees to make over to the Senate of the University of Glasgow the sum of £1,000, free of legacy duty, for the purpose of founding, in memory of her husband and son, a Bursary in connection with the class of Civil Engineering, on such terms and conditions as the Senate should from time to time fix. The Senate have determined that the Bursary shall, upon the recommendation of the Faculty of Science, be awarded to the candidate who has the best record in his First Science Examination. Students who have passed the whole of that examination or at least in Mathematics and Natural Philosophy with or without the higher branches specified in Ordinance No. 23, Section ix., subsections 1 and 2, may offer themselves as candidates, but students who have completed their qualifying attendance in Engineering shall not be eligible. The Bursary shall be tenable for one year, during which the Bursar must attend a course of Laboratory Practice in Engineering and either a course (or half course) of Engineering Lectures or a course of Engineering Drawing. Appointment in the month of April after the Degree Examinations.

---

[1] Vacant through lapse of time.

MAJOR YOUNG'S FUND BURSARIES (*Law*).—Two in number, founded in 1890 by the Trustees of the late Major Young, founder of the Walkinshaw Young Bursary. The amount of the Bursary Fund is about £1,312, and each of the Bursars receives one half of the free annual income thereof. In accordance with Major Young's desire, the Bursaries are open only to applicants whose pecuniary circumstances are such as in the judgment of the Senate render it desirable that they should have assistance in prosecuting their studies at the University, preference being given, *cæteris paribus*, to natives of Argyllshire or Renfrewshire. One of the Bursaries is tenable for six years, and is awarded by competitive examination to a student of the first year who intends to study for a Degree in Law. The Bursar is required during his tenure of the Bursary to attend such classes and to pass such examinations for a Degree in Law as shall be held by the Senate to correspond to the successive stages of his course ; and he must attend a class or classes in the Faculty of Law during at least the last two years of his tenure of the Bursary. The other Bursary is tenable for two years, and is awarded by competitive examination upon subjects prescribed by the Senate. Candidates must have expressed their intention of attending the classes of Scots Law and Conveyancing, and the Bursar must attend these classes in separate sessions during his tenure of the Bursary. Either of these Bursaries may be held with any other Bursary, Scholarship, or Prize in the University, but both shall not be held together by one Bursar. The subjects of examination are those prescribed for the General Bursary competition. (One vacancy.)

Bursars.—John S. Leishman (two years), 1896.

2. *EXHIBITIONS, FELLOWSHIPS, AND SCHOLARSHIPS.*

ALPHABETICALLY ARRANGED.

N.B. In cases in which a Scholarship or Fellowship falls vacant otherwise than by lapse of time, the Senate may, except where it is inconsistent with the deed of foundation, hold a competition, and make an appointment for the remainder of the period for which such Fellowship or Scholarship may be held. At the next ordinary competition no student shall be excluded from the competition by reason of his having previously been appointed to fill a vacancy for less than the full period; but in no case shall any student hold such Scholarship or Fellowship for longer than the full period fixed in the regulations applicable to such foundation.

Foundation.	No. of Scholarships, &c.	Tenable by	Approximate Annual Value of each.
Black Theological, -	1	Masters of Arts of Scot. Univ.,	£147
Breadalbane, - - -	2	M.A. or B.Sc., Eng., Glas. Univ.,	£50
Clark, George A., - -	4	3 M.A., 1 B.Sc., do.	£170
Clark, John (Mile-end),	12	Arts Students at close of Curric.,	£50
Clydebank, - - - -	1	Students of Naval Architecture,	£30
Cunninghame, - - -	2	Bachelors of Laws of Glas. Univ.,	£34
Donaldson, Alexander,	1	Candidates for B.Sc. (Chemistry),	£40
Donaldson, Robert, -	2	Bachelors of Science of Gl. Univ.,	£62
Eglinton, - - - - -	2	Masters of Arts of do.	£100
Euing, William, - -	3	Do. do.	£100
1851 Exhibition Science	2	Science Students, - - - -	£150
Ferguson, - - - - -	6	Masters of Arts of Scot. Univ.,	£80
Foulis Memorial, - -	1	Medical Graduates or Licentiates,	£50
Lloyd's Register, - -	3	Students of Naval Architecture,	£50
Luke, - - - - - - -	1	Masters of Arts of Glas. Univ.,	£95
Mackay Smith, - - -	2	Students in Nat. Phil. and Chem.,	£48
Metcalfe, - - - - -	1	Masters of Arts of Glas. Univ.,	£100
Sandford, - - - - -	1	Greek Students, do.	£20
Scott, - - - - - -	1	Masters of Arts of do.	£80
Shaw Philosophical, -	1	Do. Scot. Univ.,	£160
Snell (at Oxford), - -	5	Masters of Arts, etc., Glas. Univ.,	£80
Thomson Experimental	3	Students of Natural Philosophy,	£20

Black Theological Fellowship.—This fellowship, of the annual value of £140 or thereby, was instituted under the Will of the late Mrs. Janet Black (who died in 1876) in memory of her husband, the Rev. William Black, D.D., minister of the Barony Parish of Glasgow. Candidates must be members of the Established Church of Scotland.

The following regulations have been adopted by the Senate with the sanction of the University Court :—

1. The Black Theological Fellowship shall be tenable for one year.

2. It shall be awarded by competition open to Masters of Arts from any of the Universities of Scotland completing the ordinary curriculum of Theological study in the University of Glasgow in the academical year in which the examinations are held.

3. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

4. The Fellowship shall be awarded by the Theological Faculty at the close of the winter session to the most distinguished graduate in Divinity of the session qualified in terms of the foundation, but the Fellowship shall be awarded only if the Candidate has, in the opinion of the Faculty, attained a sufficient standard of merit.

5. The holder of the Fellowship shall, during the tenure of it, perform such duties—whether in the form of giving a short course of lectures, or of undertaking tutorial work, or otherwise—within the University, as may be assigned to him by the Faculty of Theology with the sanction of the Senate.

6. The Fellowship shall not be held in conjunction with any other Theological Fellowship or Scholarship or Prize falling to be awarded at the same time, or subsequently during its tenure.

Subject to these regulations an appointment to the Fellowship will be made in April, 1898.

Present Fellow—David Graham Webster, B.D., 1897.

BREADALBANE SCHOLARSHIPS.—The second Marquis of Breadalbane, an alumnus, and afterwards Rector of the University, gave from the first year of his Rectorship (1840-41), and during his lifetime, the sum of £100 annually, which was for some years distributed in prizes among certain classes, and afterwards appropriated to the establishment of two Scholarships, the one in Mathematical and Physical Science, and the other in Mechanical Philosophy, Chemistry, and those branches of Natural History that are connected with the Arts and Manufactures.

The Marquis died in 1862, and his Deed of Settlement made provision for the "annual payment, in all time coming, to the University of Glasgow, of the sum of £100, to be paid yearly to deserving students in this college, as Scholarships or Bursaries, to be called the 'Breadalbane Scholarships,' in such manner as shall be fixed by the Senatus Academicus of the said University."

The following regulations have been approved by the Senate :—

The number of Scholarships shall be two, of £50 each per annum, for the encouragement of pure and applied Science.

The scholars shall be chosen, after competitive examination in Mathematics and Natural Philosophy, from among candidates who shall have taken the Degree of Master of Arts, or the Degree of Bachelor of Science in the Department of Engineering Science, at the University of Glasgow, within a period of not more than three years preceding the examination; provided always that students graduating at the supplementary graduation in November of any year, shall, for all purposes, be held to have graduated at the ordinary graduation in April immediately preceding.

Each scholar shall pursue such course of scientific study during the tenure of his Scholarship as the Senate shall in each case prescribe, and shall hold his Scholarship for three years; provided that at the end of the 1st and 2nd years he give the Senate such evidence, by examination or otherwise, as the Senate shall deem sufficient, of having successfully prosecuted the prescribed course of study.

Scholars.—James S. Dunlop, 1895; Thomas Nisbet, 1895.

George A. Clark Bursaries or Scholarships.—By the Will of the late Mr. George A. Clark, manufacturer, Paisley, a sum of £20,000 was bequeathed in 1872 to this University for the creation of four Bursaries, tenable each for four years. The following are the regulations:—

1. One of these Bursaries shall be competed for annually, at or immediately after the October examination for Degrees in Arts or Science.

2. The four Bursaries are assigned respectively to the four departments of Honours enumerated in the Ordinances Nos. 14 and 18 of the Universities Commission (1858), viz.: (1) Classical Literature; (2) Mental Philosophy, including Logic, Metaphysics, and Moral Philosophy; (3) Mathematics, including Pure Mathematics and Natural Philosophy; (4) Natural Science, including Botany, Geology, Zoology, and Chemistry.[1]

For the Classical Literature Bursary or Scholarship either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours, in Classical Literature, may be candidates; for the Mental Philosophy Bursary or Scholarship, either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mental Philosophy, may be candidates; for the Bursary or Scholarship in Mathematics either Masters of Arts of this University who have taken the Degree of M.A. with Honours, or students presenting themselves for the final examination for the M.A. Degree with Honours in Mathematics, or Bachelors of Science of this University who have taken the degree of B.Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science, may be candidates; and for the Natural Science Bursary or Scholarship either Bachelors of Science of this University who have taken the Degree of B.Sc. in Pure Science, or students presenting themselves for the final examination for the B.Sc. Degree in Pure Science, may be candidates.

---

[1] It has been proposed to introduce the Honours Group (*f*) English (Ord. No. 11, Sect. xi.) among the subjects to which the George A. Clark Scholarships are assigned. The proposal is now (April 1897) under consideration, but meanwhile the Senate have resolved that no change which may be made shall take effect before Session 1901-2.

But no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. Degree or the B.Sc. Degree.

3. The successful candidate shall undertake, during his tenure of the Bursary, to give such assistance in the teaching work of the University, and to follow such a course of study in the University, as the Senate may determine.

4. The subjects of examination each year shall be those which constitute the examination for Honours in one of the above-named departments (the department selected each year for examination to be publicly announced). The Senate reserve the right to withhold the Scholarship, should none of the competitors reach the standard of attainment required of graduates in Arts with highest honours.

5. In the event of the examiners reporting in any year that no candidate has done sufficiently well in the subjects of that year to deserve the Scholarship, no appointment shall be made in that year; but it shall be in the power of the Senate to hold an examination for the same Scholarship, and in the same subjects, in the following year; provided that in that case the Scholarship shall be held for three years only and not for four, the surplus revenue being added to the capital of the fund. Should the same thing occur again, it shall be in the power of the Senate to appoint a Scholar for two years only, or for one year only, the examination in each case being in the same subjects as when the Scholarship was first competed for. In the same manner, in the event of a vacancy occurring in the tenure of any of the Scholarships otherwise than by lapse of time, the Senate may make an appointment for the remainder of the term for which the Scholarship might have been held by the student vacating it, and after examination in the same subjects as those for proficiency in which the Scholar was originally appointed; but in no case shall the regular rotation of subjects as above provided for be disturbed. In the competition for scholarships to be held for less than four years, no student shall be admitted to examination who would not be eligible, as above arranged, for a Scholarship to be held for four years. In the event of a candidate being appointed to a vacancy to be filled for less than four years, and being still eligible, under the usual regulations as above, to compete for the said Scholarship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Scholarship, but in no case shall any student be permitted to hold the Scholarship for more than four years in all.

6. It shall not be competent for the holders of these Bursaries to hold any other Bursary or Scholarship in this University.

7. It shall be in the power of the Senate to deprive any Bursar of

his Bursary, in the event of his not complying, to their satisfaction, with any of the above regulations.

8. The Examiners shall be the same as the Examiners for the Degree of M.A. with Honours in each of the several departments, and for the Degree of B.Sc.

Two of these Bursaries or Scholarships will be competed for, subject to the foregoing regulations, in October, 1897. One will be tenable for four years, and the examination will be in the first of the four departments above enumerated, viz., Classical Literature; the other will be tenable for three years, and the examination will be in the fourth of the four departments above enumerated, viz., Natural Science.

Candidates are requested to give in their names to the Assistant Clerk (Matriculation Office), not later than 23rd September.

Bursars.—[1]John E. M'Fadyen, M.A., 1893 (Classics); Henry N. Brailsford, M.A., 1894 (Mental Philosophy); James W. Peck, M.A., 1895 (Mathematics).

JOHN CLARK (MILE-END) SCHOLARSHIPS.—By the Deed of Constitution regulating the John Clark Bursaries (see page 239), the Founder, Mr. John Clark, also instituted Scholarships of £50 annual value, open for competition to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University. The Scholarships are to be awarded to the candidates who stand highest at written examinations in the branches of learning appointed by the trustees, and are tenable for four years, subject to the condition that the Scholars give their undivided time and attention to the prosecution of their studies with a view to any of the learned professions, or, on approval of the trustees, any other profession or business they may prefer. The trustees do not appoint any one who already holds a scholarship of greater value. Three Scholarships will be competed for in October, 1897, one in the Group of Mental Philosophy, one in the Group of Mathematics and Natural Philosophy, and one in the Group of English Language, Literature, and British History). The examination will be on the subjects prescribed for the Degree of M.A. with Honours in the respective Groups.

Names of candidates to be given in to the Assistant Clerk (Matriculation Office), and also to Mr. Wm. Kidston, 50 West Regent Street, Glasgow, on or before the 22nd September.

Scholars.—[1]Charles W. Thomson, 1893; [1]Gavin L. Pagan, M.A., 1893; [1]Peter Pinkerton, M.A., 1893; Robert G. Nisbet, M.A., 1894; William R. Paterson, M.A., 1894; William C. Henderson, M.A., 1894; William Boyd, 1895; David H. Crawford, 1895; Adam B. Stewart, 1895; William G. Bell, 1896; Thomas E. Jones, 1896; James W. Copeland, 1896.

[1] Vacant through lapse of time.

Clydebank Scholarship.—Founded in 1885 by Messrs. James and George Thomson, engineers and shipbuilders, Clydebank The value was originally £10 per annum, but Messrs. Thomson in 1895 increased the yearly value to £30, and proposed the following regulations, which were approved by the Senate : 1. The Scholarship shall be tenable for three years to enable the holder to graduate in Science. 2. The scholarship shall be competed for biennially by young men not under eighteen years of age, who are apprentices, and have been employed at least three years as such in any of the departments of Clydebank Shipyard and Engineering Works. 3. All candidates must have passed in the May Examinations before they intend entering the University, under the Science and Art Department of South Kensington, the following or higher stages, viz. : Mathematics, second stage ; Naval Architecture, advanced stage (or alternatively an equivalent examination in Machine Construction and Steam) ; Theoretical Mechanics, and Plane and Solid Geometry, elementary stages. The scholarship will be awarded to the candidate who has the best record in these subjects. Should there be any apparent equality, the candidates who are apparently equal shall be further examined at the University, and the scholar shall be selected in accordance with the result of this further examination. 4. The scholar appointed shall, during his tenure of the Scholarship, attend in the usual order all the classes necessary to qualify for the degree of B.Sc. ; and the second moiety of the third year's stipend may not be paid if the scholar fails to pass the final examination for the degree of B.Sc., or if, in the opinion of the Senate, he has not made satisfactory progress during his term at the University.

Andrew Cunninghame Scholarships.—Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, who died in 1886, bequeathed to the University, free of legacy duty, £5,000, for the purpose of completing the tower, and also £350, the annual revenue of which was to be applied in purchasing a gold medal as a prize in the class of Mathematics. He also bequeathed to the Senate £2,000 for two Bursaries or Scholarships in connection with the Scots Law and Conveyancing Classes. The following regulations were adopted by the Senate on 15th March, 1888 :—

1. One half of the free income of the bequest shall be applied for the purpose of a Scholarship in connection with the class of Scots Law, and the remaining half for the purpose of a Scholarship in connection with the class of Conveyancing.

2. Each Scholarship shall be tenable for two years.

3. On each vacancy the candidate who, in the opinion of the Senate, is the most distinguished Bachelor of Laws of the year, shall be appointed, special consideration being given to eminence in Scots Law and Conveyancing.

4. Students who have been found qualified for the Degree of LL.B. at the spring and winter graduations of the year in which the appointment is made, shall be eligible as candidates.

5. The conditions of holding the Scholarships are that the scholars give such assistance in the work of the classes of Scots Law and Conveyancing respectively as the Professors of these classes may require, subject to the approval of the Senate.

6. In the event of a vacancy occurring during the tenure of any Scholarship, the Senate may, if they think fit, appoint a Scholar to hold the Scholarship for the unexpired period.

An appointment to the Scots Law Scholarship will be made in November, 1897.

Scholars—[1] Hugh Cowan, LL.B., 1895; Hugh P. Macmillan, LL.B., 1896.

ALEXANDER DONALDSON SCHOLARSHIP OR BURSARY.—Founded in 1881 by Will of the late Mr. Alexander Donaldson, iron merchant in Glasgow, who bequeathed to the Senatus of Glasgow University £1,000, to be administered by them as patrons for the endowment of a Scholarship or Bursary, at their discretion, in connection with the said University.

The following regulations were adopted by the Senate on 1st May, 1884:—

1. The Scholarship shall be awarded to the candidate who, presenting himself for the first examination for the Degree of B.Sc. held in the month of April, shall stand highest in Chemistry.

2. The Scholarship shall be tenable for two years.

3. The second moiety of the second year's stipend shall be paid only after the Scholar has passed all the examinations for the Degree of B.Sc.

These regulations apply to students proceeding to the Degree of B.Sc. under the new regulations for that Degree.

Scholar—George F. Buchan, 1896.

ROBERT DONALDSON SCHOLARSHIPS.—Founded in 1887 by the trustees of the late Mr. Robert Donaldson, iron merchant, Glasgow, who left £2,000 to the Senate for two Scholarships for such scientific purposes as his trustees should approve. The following tentative scheme has been approved by the trustees:—

1. The income of the fund shall be devoted for two years alternately to Scholarships in Chemistry and Biology.

2. Each Scholarship shall be tenable for two years.

3. Students who have taken the Degree of B.Sc. in Glasgow University shall be eligible.

---

[1] Vacant through lapse of time.

4. The appointment shall be made by the Senate on a report as to the merits of the candidate or candidates by the Professor of the subject.

5. The scholar appointed shall devote himself for two years in this University, or for one year in this University and the other in such place as the Senate may approve, to research in the subject in which he has obtained the Scholarship. The holder of the Scholarship in Biology shall have the option of selecting Zoology or Botany as the subject of research.

6. The Senate are not bound to make an appointment unless the candidate is in their opinion qualified.

Scholar—George Lean, B.Sc., 1896.

EGLINTON FELLOWSHIPS.—On the death of the Earl of Eglinton, formerly Rector of the University of Glasgow, a committee was formed to collect subscriptions for the purpose of commemorating in a suitable manner his virtues and public services; and, subscriptions having been received to the amount of £7,000, it was resolved by the subscribers, in 1862, to set apart £4,500 out of this sum as a Scholarship or Fellowship Fund in the University of Glasgow.

By the Trust Deed of date November 8th, 1865, the net yearly produce of the said sum (after deducting expenses) is to be appropriated to the support of one or more Fellowships, not exceeding three, to be competed for by the alumni of the College of Glasgow, and to be held for a period not exceeding four years, upon the following conditions, viz.: First,—The number of Fellowships, and the period during which the same are to be held, shall from time to time be fixed by the Senatus Academicus of the said University. Secondly,—The competition for the Fellowships shall be open only to deserving students who shall have taken the Degree of Master of Arts in that University at the term preceding the competition,[1] and the Fellowships shall be awarded by the Senatus Academicus of the University to those students who have shown themselves in a public competition to have acquired the greatest amount of knowledge and proficiency in the branches of study embraced in the curriculum of Arts, and such branches of Natural Science as the Senate shall, from time to time, require. And, Thirdly,—The Examination for the Fellowships shall be under the direction of the Senatus Academicus of the University, who shall fix the subjects of examination, and the relative value of each subject in the competition, and appoint any of their own number, or other fit persons, to be Examinators, and make such regulations with relation to the said Fellowships, and the competition and examination therefor, as from time to time they may think fit.

---

[1] *i.e.* Either at the ordinary graduation in April or at the supplementary graduation in November.

The following are the regulations of the Eglinton Fellowships:—

1. The number of the Eglinton Fellowships shall be two (of about £100 per annum each), tenable for three years, subject to the approval of the Senate at the end of the first and second year.

2. The competition for the Fellowship shall be open only to deserving students who shall have taken the Degree of Master of Arts in the University of Glasgow, at the term preceding the competition.[1] In the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

3. One of the Fellowships shall be open to competition in October, 1866, and thereafter triennially (1899); and the other in October, 1867, and thereafter triennially (1897).

4. The successful candidate shall undertake, during his tenure of the Fellowship, to follow such a course of study in the University, or to give such assistance in the teaching work of the University, as the Senate may determine.

5. The Examination for the Eglinton Fellowship to be competed for in October, 1890, and thereafter sexennially, shall be in Classics; and the Examination for the Eglinton Fellowship to be competed for in 1893 and thereafter sexennially, shall be in Mental Philosophy.

The subjects of examination in Classics and Mental Philosophy respectively shall be the same as those for the Degree of Master of Arts with Honours.

6. The subjects of examination for the Eglinton Fellowship to be competed for in October, 1888, and thereafter triennially, shall be the subjects of examination for the Degree of Master of Arts with Honours in Mathematics and Natural Philosophy.[2]

7. The Eglinton Fellowship shall not be held along with the Snell Scholarship, or Breadalbane Scholarship, and the holder of the Luke Fellowship or of the Metcalfe Fellowship shall not be admitted to compete for the Eglinton Fellowship.

The next ordinary competition will take place in October, 1897, the subject of examination being Mathematics and Natural Philosophy.

Fellows.—[3] Charles S. Dougall, M.A., 1894; Horace F. Wallace, M.A., 1896.

---

[1] *i.e.*, Either at the ordinary graduation in April or at the supplementary graduation in November.

[2] It has been proposed to introduce the Honours Group ([illegible]) English (Ord. No. 11, Sect. XI) among the subjects to which the Eglinton Fellowships are assigned. The proposal is now (April 1897) under consideration, but meanwhile the Senate have resolved that no change which may be made shall take effect before 1900-1.

[3] Vacant through lapse of time.

William Euing Fellowships.—Founded in 1874 by Mr. William Euing, insurance broker, Glasgow, who by his Will bequeathed to the University, along with a library of rare and valuable books, the sum of £6,000 for the endowment of three Fellowships, each of the value of £80 per annum, and tenable for not more than five years. The Fellowships are open only to deserving students who have completed the regular curriculum in Arts, and taken the Degree of M.A. at this University, and are awarded after competition in the subjects of the Arts curriculum. The Fellows are required to reside in Glasgow for at least nine months in the year, and "to open private classes, of limited numbers, for giving instruction to, and aiding students of the University more especially during the vacation, or such part thereof as may be found expedient—in such studies as may be auxiliary to, or illustrative of, the course of lectures which such students may have attended, or be desirous of attending, and also to carry out the same purpose by a systematic course of private tuition."

One Fellowship is attached to the department of Classics, one to the department of Mathematics and Natural Philosophy, and one to the department of Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

The Senate have issued the following regulations for the competition for these Fellowships :—

1. In the department of Classics there shall be one Fellowship competed for in October, 1875, and thereafter at intervals of four years (1899), the period for which the Classical Fellowship shall be ordinarily tenable.

2. In the department of Mental Philosophy one Fellowship shall be competed for in October, 1876, and thereafter at intervals of three years (1897), the period for which the Fellowship in the department of Mental Philosophy shall be ordinarily tenable.

3. In the department of Mathematics and Natural Philosophy one Fellowship shall be competed for in October, 1875, and a Fellow appointed for two years; the Mathematical Fellowship becoming vacant in October, 1877, shall be filled up for a period of three years (1898), the period for which the Fellowship in this department shall be ordinarily held.

In the event of a candidate being appointed to a vacancy to be filled for less than four years in the department of Classics, or for less than three years in the department of Mental Philosophy, or of Mathematics and Natural Philosophy, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than four years in all, or three years in all, respectively.

One of these Fellowships, value £100 per annum, will be open to competition in October, 1897. It will be tenable for three years and the examination will be in Mental Philosophy, including Logic, Moral Philosophy, and English Literature.

Fellows—[1] Robert S. Horne, M.A., 1894 (Mental Philosophy); William A. Lindsay, M.A., 1895 (Mathematics); Joseph F. M'Fadyen, M.A., 1895 (Classics).

EXHIBITION (1851) SCIENCE RESEARCH SCHOLARSHIPS.—Her Majesty's Commissioners for the International Exhibition of 1851 have instituted Science Scholarships, each of the annual value of £150, and tenable for two years, subject to the scholar's first year's work being deemed satisfactory by the Scientific Committee of the Commissioners. The nomination to a Scholarship has been placed at the disposal of this University in each year since 1891, and it is anticipated that similar arrangements will be made in future years.

Candidates must be British subjects, and must have been students of Science in some approved institution or institutions for a period of three years, at least the third year of the period having been spent in this University. Capacity for original research tending to advance Science or its applications is required as the main qualification. The Scholarships may be held at any University in England or abroad, or in some other institution approved of by the Commissioners; and every scholar will, in the absence of special circumstances, be required to proceed to an institution other than that by which he is nominated. He must devote himself to some particular scientific work in connection with those branches of Science, such as Physics, Mechanics, and Chemistry, the extension of which is especially important to our national industries. A sum of £25 is reserved from the fourth half-yearly instalment, and paid by the Commissioners on receipt from the Scholar, after the expiration of his Scholarship term, of a satisfactory report of his study and research during the term.

When a nomination falls to be made in any year, due notice will be given to enable candidates to lodge their applications with the Clerk of Senate before the beginning of April. Every application must be accompanied by a statement of the scientific study (including original research) in which the candidate has been engaged, and of the work to which he proposes to devote himself if appointed to the Scholarship.

Scholars—Walter Stewart, M.A., B.Sc., 1895; William C. Henderson, M.A., B.Sc., 1896.

FERGUSON SCHOLARSHIPS.—With a view to the encouragement of the higher learning in Scotland, the trustees of the late Mr. Ferguson, of Cairnbrock, out of his legacy of £50,000 for educational and other purposes, instituted in 1860 six Scholarships, each of the value of £80 per annum, to be held for two years, and to be called "The Ferguson Scholarships."

---

[1] Vacant through lapse of time.

The examination of candidates for three of these Scholarships will be held in Glasgow, on Tuesday, 28th September next, and following day. One of the Scholarships will be awarded for the greatest proficiency in Classics; one for the greatest proficiency in Mathematics, including Natural Philosophy; and one for the greatest proficiency in Mental Philosophy, including Logic, Psychology Metaphysics, and Moral Philosophy.

Subjects for examination—

Classical Scholarship.—*Latin*—Plautus, *Mostellaria*, *Pseudolus*. Virgil, *Aeneid*, IV.-VII. Horace, *Satires*, I., II. Persius. Cicero, *Pro Murena*, *Orator*. Tacitus, *Annals*, XII.-XIV. Translation from Authors not prescribed. Latin Prose Composition.

Greek.—Homer, *Odyssey*, VII.-XII. Pindar, *Nemean* and *Isthmian Odes*. Sophocles, *Oedipus Tyrannus*, *Trachiniae*. Theocritus. Thucydides, I., II. Plato, *Phaedo* and *Protagoras*. Demosthenes, *Against Leptines*. Translation from Authors not prescribed. Greek Prose Composition.

Questions on Greek and Roman History, Literature, Language, and Antiquities. The Questions will bear chiefly on the books prescribed.

Mathematical Scholarship.—*Mathematics*.—Euclid's Elements. Modern Geometry. Algebra, including Determinants, Finite Differences, and Theory of Equations. Trigonometry, Plane and Spherical. Analytical Geometry, in two and three dimensions. Differential and Integral Calculus, and Differential Equations.

Natural Philosophy. — Abstract Dynamics (commonly called Mechanics, including Kinematics and Statics and Kinetics of Solids and Fluids. Experimental Physics and Applied Mathematics, including all the ordinary subjects treated in Lectures on Natural Philosophy.

Philosophical Scholarship.—*Logic.*—Province and History of Logic. Notions, Judgments, and Inferences. Recent developments of Formal Logic. Fallacies. Theory and Methods of Scientific and of Historical Proof.

Psychology and Metaphysics.—The Phenomena and Laws of Mental Life and of its Development. Theory of Knowledge. Theory of Reality.

Moral Philosophy.— Psychology and Metaphysics of Ethics. Relations of Ethics to Law, Politics, and Economics. Applied Ethics.

History of Philosophy.—History and Critical Analysis of Ancient and Modern Systems of Philosophy.

The competition will be open to all persons who have passed the Examinations required for the Degree of Master of Arts in one of the Universities of Scotland (whether taking the degree at the same time or not); provided that at the time of the competition, not more than six years have elapsed since the date of their first matriculation after having passed the Preliminary Examination,[1] and who have not already gained one of these Scholarships.

The Examinations will be conducted in writing, and the Scholarships awarded on the report of the Examiners as to the merit of the Candidates, but the minimum of 60 per cent. of the possible marks must be reached in order to entitle to a Scholarship.

The Scholarships, of £80 each per annum, are tenable for two years, subject to fulfilment of the following rule of the trustees :—

"Persons gaining the Scholarships will be expected, during "the tenure thereof, to prosecute studies in furtherance of "the higher learning; and those who have not graduated shall "be required to do so before the last payment is made."

Certificates will be granted to such of the unsuccessful competitors as, in the opinion of the Examiners, shall have taken a distinguished position in the Examinations.

Candidates are requested to give in their names, personally or by letter, at the Office of THE FERGUSON BEQUEST FUND, 94 Bath Street, Glasgow, before 1st September, 1897, and due intimation will be sent to those enrolled as to the place and hours of Examination.

The following Students of the University of Glasgow have obtained Ferguson Scholarships :—

1868, James Smith, Mathematical ; 1869, Archibald B. Cameron, Philosophical ; 1870, John Cross, Classical ; 1870, James Orr, Philosophical ; 1872, Wm. W. Waddell, Classical ; 1873, Thomas H. Millar, Mathematical ; 1874, William Patrick, Philosophical ; 1875, William Y. King, Classical ; 1878, John M'A. Dodds, Mathematical ; 1878, Thomas B. Kilpatrick, Philosophical ; 1882, Robert F. Muirhead, Mathematical ; 1883, James A. M'Callum, Philosophical ; 1886, James Buchanan, Mathematical ; 1886, Andrew F. Smith, Philosophical ; 1888, Ernest F. Scott, Classical ; 1889, Evan Keri Evans, M.A., Philosophical ; 1890, Abraham Levine, M.A., Mathematical ; 1891, James Holm, M.A., Mathematical ; 1893, Horatio S. Carslaw, M. A., Mathematical.

Present Holders of the Scholarships.—W. W. M'Kechnie, M.A., of Edinburgh University, Classics, 1895 ; John A. Johnston, M.A., of Edinburgh University, Mathematics, 1895 ; James B. Baillie, M.A., of Edinburgh University, Mental Philosophy, 1895 ; Alfred C. Paterson, M.A., of Edinburgh University, Classics, 1896 ; John F. Cameron, M.A., of Edinburgh University, Mathematics, 1896 ; Alexander M. Mackay, M.A., of Aberdeen University, Mental Philosophy, 1896.

---

[1] Until Ordinance No. 11 can take effect, the six years will count from the first ordinary matriculation.

FOULIS MEMORIAL SCHOLARSHIP.—This Scholarship was founded in 1882 in memory of the late David Foulis, M.D., Glasgow, who had distinguished himself in Pathology and Surgery, and died at the age of 35 years. It is to be awarded as often as the accumulated income from the invested funds amounts to £50. The next appointment will not take place until September, 1898. It is tenable by a graduate or licentiate whose professional education has, to the extent of not less than two years, been received at the University or one of the extra-mural schools of Glasgow; and who shall, in the opinion of the trustees, have manifested a capacity for original work in the department of Pathology. The purpose of the Scholarship is to assist in the prosecution of such work in one of the Medical Schools in or furth of Scotland, approved of by the trustees; and the trustees have power to determine whether it should be awarded by competition or otherwise.

The trustees are the Professor of Practice of Medicine in the University, the President and Visitor of the Faculty of Physicians and Surgeons of Glasgow, and the Pathologists of the Western and Royal Infirmaries. Further particulars may be obtained from Messrs. J. M. Taylor, Foulis & Co., 180 St. Vincent Street.

Scholar—William Primrose, M.B., C.M., 1896.

LLOYD'S REGISTER SCHOLARSHIP.—In 1889 the general Committee of Lloyd's Register of British and Foreign Shipping intimated their intention of establishing a Scholarship of the yearly value of £50, tenable for three years by students of Naval Architecture in this University. In 1893 two additional Scholarships, each of the same value and tenure as the first, were announced. They are open to competition to candidates whose age does not exceed 23 years. Each candidate must produce satisfactory evidence that £50 a year would enable him to pursue his studies, and that he would be unable to do so unless this aid were afforded. The subjects of examination are the following:—Euclid, Books I. II. III. IV. VI. and XI.; Algebra, including Quadratic Equations, the three Progressions, and Binomial Theorem; Plane Trigonometry, with use of Logarithms; Elements of Statics, Dynamics, and Hydrostatics; Practical Shipbuilding; Mechanical Problems. A preference will be given to a candidate who possesses a thorough grammatical knowledge of English and of either French or German, although he may be somewhat deficient in the other subjects prescribed. One Scholarship will be open to competition in October, 1897. Names of Candidates to be sent to the Assistant Clerk (Matriculation Office) on or before 22nd September, 1897.

Scholars—John G. Stevenson, 1895; Charles S. Douglas, 1896.

Luke Fellowship.—In 1863, the late William Luke, Esq., of Edinburgh, bequeathed to the University of Glasgow the sum of £3,000 sterling, "to perpetuate the memory of his nephew George Rankin Luke" (formerly a highly distinguished student of this University, and afterwards student of Christ Church, Oxford), "in such a manner as his esteemed friend, Professor Nichol, may consider most beneficial." Professor Nichol exercised the discretionary power thus conferred on him by directing that the sum bequeathed should be applied to the founding of a Luke Fellowship. The following are the regulations :—

1. There shall be a single Luke Fellowship (of about £95 per annum), tenable for three years, subject to the approval of the Senate at the end of the first and second years.

2. The Luke Fellowship shall be awarded on examination on English Literature, and on prescribed periods in History.

3. The Luke Fellowship shall be open to competition in October, 1868, and thereafter triennially.

4. Competitors for the Luke Fellowship must be Masters of Arts of this University, of not more than three years' standing ; provided always that students graduating at the supplementary graduation in November of any year shall, for all purposes, be held to have graduated at the ordinary graduation in the April immediately preceding.

5. The Luke Fellowship shall not be held along with the Snell Scholarship, the Clark Scholarship, the Eglinton Fellowship, or the Euing Fellowship.

6. Students who have competed at one Luke Fellowship Examination shall not be admitted to another, nor shall the holder of the Eglinton Fellowship ; but in the event of a candidate's being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the Luke Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Ordinance No. 100 of the Universities Commission (1889) prescribes that the provisions of Ordinance No. 57 shall apply to the Luke Fellowship, but provides that it shall not be a condition of tenure of the Fellowship that the holder shall give assistance in teaching the class of English Literature.

The next competition for the Luke Fellowship will take place in October, 1898. The subjects of examination will be :—(1) The History of English Literature, from Chaucer (inclusive) ; (2) the works of Shakespeare ; (3) the outlines of British History to 1815 ; (4) the History of Great Britain and Ireland, either (*a*) from 1603 to 1714, with special reference to the following works:—Milton's *Reason of Church Government* and *Tenure of Kings and Magistrates*; Butler's *Hudibras*; Dryden's *Satires*; Swift's *Conduct of the Allies*: or (*b*) from 1714 to 1815, with special reference to the following works of Burke: —*Thoughts on the Present Discontents*, *Speeches on American Taxation*, *Reflections on the Revolution in France*.

MACKAY SMITH SCHOLARSHIPS.—One in Natural Philosophy, the other in Chemistry, each of the annual value of £48, and tenable for two years in the Universities of Edinburgh and Glasgow alternately. During sessions 1882-83 and 1883-84 they were held in the University of Edinburgh, and during sessions 1884-85 and 1885-86 in the University of Glasgow. The next examination will be held in this University at the close of session 1900-1. Candidates must have already attended, or must be then attending the class of Natural Philosophy or Chemistry respectively. The examination in Chemistry will be held along with the examinations for the Degree of B.Sc. (new regulations), and the examination in Natural Philosophy along with the examinations for M.A.

Scholars—Andrew Smith (Chemistry), 1897; William G. Strang, (Nat. Phil.), 1897.

METCALFE FELLOWSHIP.—Founded by the late Miss Sarah Metcalfe, Glasgow. (See under Metcalfe Bursaries, p. 271.)

The following are the regulations of the Metcalfe Fellowship:—

1. There shall be a Fellowship on the Metcalfe Foundation of the annual value of £100, tenable for three years, to be competed for in October, 1872, and thereafter triennially (1899).

2. Candidates must be Masters of Arts with Honours in the Group of Mathematics and Natural Philosophy, of not more than three years' standing, provided always that students graduating at the supplementary graduation in November of any year shall for all purposes be held to have graduated at the ordinary graduation in the April immediately preceding.

3. The examination shall be the examination for the Degree of Master of Arts with Honours in the Group of Mathematics and Natural Philosophy.

4. The Fellowship shall be held subject to the condition of pursuing a course of study in such of the following subjects—viz., Higher Mathematics, Practical Astronomy, Civil Engineering, and Chemistry—as the Senate shall in each case prescribe.

5. The Metcalfe Fellowship shall not be held along with the Eglinton Fellowship, the Snell Scholarship, or the Breadalbane Scholarship; and the holder of the Eglinton Fellowship shall not

be allowed to compete for the Metcalfe Fellowship; but in the event of a candidate being appointed to a vacancy to be filled for less than three years, and being still eligible, under the usual regulations as above, to compete for the said Fellowship on the occasion of the next regular vacancy, he shall be qualified to compete just as if he had not previously held the Fellowship, but in no case shall any student be permitted to hold the Fellowship for more than three years in all.

Fellow—George D. Valentine, M.A., 1896.

Reid Stewart Fellowship.—Mr. James Reid Stewart, Ironmaster, Glasgow, who died on 8th August, 1896, directed his Trustees to pay a legacy of £2000, under deduction of legacy duty, to the Senate, the free income of which is to be applied in and towards a Fellowship to be called the Reid Stewart Fellowship. The competition is open to students who have just finished their Arts Curriculum in this University. It is tenable for three years.

Sandford Scholarship.—Founded in 1862 (by the investment of a sum of £520, raised by subscription), in memory of Sir Daniel K. Sandford, the eminent Professor of Greek in this University, who died in 1838. It is tenable for two years, and is awarded to the student who, on examination, gives proof of the greatest proficiency in the Greek language. Value about £20 per annum.

The examination of candidates for this Scholarship takes place every alternate year in the month of March (1898[1]), and is open to all matriculated students (not Masters of Arts) who have attended the Public Greek Classes for not less than two sessions.

The subjects of examination are selected from the following authors:—Homer, 12 books; Herodotus, 4 books; Sophocles, 3 plays; Thucydides, 4 books; Æschylus, 3 plays; Demosthenes, one or more orations; Aristophanes, 3 plays; Xenophon's *Memorabilia;* Pindar; Plato, one or more dialogues.

Candidates are examined on not more than four of the abovementioned authors (of which Homer is always one)—two in prose and two in verse; and the subjects for each examination are given out by the examiners at the end of the session previous to that in which the examination takes place. Candidates are also examined on Translations from Greek into English, with Criticisms, and Translations, in prose and verse, from English into Greek.

The subjects for March, 1898, will be—Homer, *Odyssey*, XIII.–XXIV.; Sophocles, *Antigone*, *Oedipus Tyrannus, and Philoctetes;* Herodotus, VI.–IX.; Plato, *Gorgias.* Unseen Translation; Prose Composition, and verse if any candidate offers it.

---

[1] The scholarship was not awarded in 1897.

Scott Scholarship—(See under head "Scott Bursaries," p. 279). —This Scholarship, in value £80 per annum, is open for competition to Masters of Arts in the University of Glasgow of not more than three years' standing, having graduated with Honours in Classics or in Mental Philosophy, or to students who, at the time of competition, are presenting themselves for the final examination in the said University for the M.A. Degree with Honours in Classics or in Mental Philosophy. The examination to be in Classics, Mental Philosophy, and English Literature, which may include History. The Scholarship is tenable for two years, and the holder is required to follow such a course of study in the University of Glasgow, or give such assistance in the teaching work of the University as the Senatus Academicus may determine. The Scott Scholarship is not to be held along with any other Scholarship, Fellowship, or Bursary of the University of Glasgow. "The subjects of examination for the said Scholarship shall be, with the addition after-mentioned, Classics, or Mental Philosophy, or both of these, the special subjects being those for the examination for the M.A. degree with Honours in the given department or departments for the year, and in addition to the examination above mentioned the competitors for the said Scholarship shall undergo an examination in English Literature of a higher kind than that required for an ordinary pass." The Scholarship will be open to competition in October, 1898. The examination will be in Classics, and in English Literature (not Language) from Chaucer downwards.

Scholar—**Alexander Smith, 1896.**

Shaw Philosophical Fellowship.—This Fellowship was founded by subscription in 1867, in the University of Edinburgh, in memory of Sir J. Shaw, Bart., who was born at Mosshead, in the Parish of Riccarton, and County of Ayr, in 1764, was elected Lord Mayor of London in 1805, and M.P. for the same city in 1806, and after a long and distinguished career, died in London in 1843; and is open to the competition of the Graduates in Arts of any of the Scottish Universities. The Fellowship consists of the free proceeds of the sum of £4,100 mortified to the Senatus Academicus of the University of Edinburgh under the following conditions, namely :—

1. The said Fellowship shall bear the name of "The Shaw Philosophical Fellowship," in memory of the said Sir James Shaw, Baronet.

2. The Patronage of the said Shaw Philosophical Fellowship shall belong to the said Senatus Academicus, and shall be exercised by them, subject to the conditions herein contained, for the encouragement of the study of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

3. The Fellowship shall be awarded by competitive examination in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy.

4. The Fellowship shall, on each occasion of an appointment thereto, be open to the competition of Graduates in Arts of the Scottish Universities—that is to say, the University of Edinburgh, the University of Glasgow, the University of Aberdeen, and the University of St. Andrews, of not more than five years' standing at the time of the competition, and of all students of the said Scottish Universities who, although they have not graduated in Arts, shall yet have successfully passed the last of the examinations necessary for such graduation in Arts, within the period of five years before the time of the competition; and the said Senatus of the University of Edinburgh, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the University of Edinburgh, shall have power either to increase or to reduce the number of years of standing as graduates, or as students who have passed all the examinations necessary for graduation, as above fixed, for competitors for the Fellowship.

5. The Fellowship shall be tenable for five years only, but the said Senatus Academicus of the University of Edinburgh shall have power, with consent of the Senates of the other Scottish Universities aforesaid, or of a majority of them, and with the concurrence of the University Court of the said University of Edinburgh, to extend, with reference to all holders of the Fellowship, the term of tenure to any period of years not exceeding ten, if, in the course of time, it shall appear to them desirable to do so, from an increase in the number of foundations of a similar kind in the University of Edinburgh, or in the other Scottish Universities, or other sufficient reason.

6. The competitive examination for the said Fellowship shall, except in the case below provided for, be conducted by two Examiners, to be appointed in the manner following—to wit, one of the Examiners shall be appointed by the Senatus Academicus of the University of Edinburgh, either from among the members of the said Senatus or others, as they may think proper, and the other Examiner shall be appointed by the Senatus Academicus of one of the other Scottish Universities in rotation.

7. The said Examiners, so appointed, shall report their opinion of the result of the examination to the Senatus Academicus of the University of Edinburgh, who shall, as Patrons of the said Fellowship, appoint thereto the candidate who appears by the report to be best qualified by proficiency in the subjects of Logic, Metaphysics, including Psychology, Moral Philosophy, and the History of Philosophy, provided that, as required by the clause next following, such

best qualified candidate shall, in the opinion of both the Examiners, have manifested a sufficiently high degree of proficiency to merit the Fellowship.

9. Each holder of the said Fellowship shall, during his tenure thereof, be entitled to receive the annual proceeds of Four Thousand One Hundred Pounds, and of any addition of the said sum which may hereafter be made thereto, as after-mentioned, after deducting all reasonable expenses, including the payment of remuneration to the Examiners appointed as aforesaid.

12. It shall not be competent for any person to hold the said Fellowship along with any other Fellowship, Scholarship, or Bursary, in any Scottish University, or appropriated to the students of any Scottish University or Universities.

17. It shall be in the power of the Senatus Academicus of the University of Edinburgh to require the holder of the Shaw Philosophical Fellowship during the fourth or fifth year of his tenure of it, to deliver in the University of Edinburgh a Course of Lectures, not exceeding four, on any of the subjects for the encouragement of the study of which the Fellowship has been founded ; and notice shall be given to the holder of the Fellowship twelve months previously to the time fixed for the delivery of the said Lectures that he is required to deliver them ; but the said Senatus, with consent of the University Court of the University of Edinburgh, shall have power to alter the number of Lectures, if it shall be found desirable to do so.

Present Fellow—Henry Barker, M.A. (of Edinburgh University), 1893.

SNELL EXHIBITIONS.—In the year 1677, Mr. John Snell of Uffeton, in the County of Warwick, a native of Scotland, and formerly student in this University, devised to trustees a considerable estate near Leamington, in Warwickshire, for educating Scottish students at Oxford.

The Exhibitioners are now elected under a scheme settled in the Court of Chancery in 1872. Under the provisions of this scheme it was then arranged that the number of Exhibitioners should be limited to fourteen, it being lawful to elect three in each year, unless the number on the Foundation should thereby be increased beyond fourteen, in which case not more than two were to be elected, the Exhibition being tenable for five years ; but by an agreement of date 2nd April, 1878, under provisions of the same scheme, the following regulations were sanctioned :—

1. The stipend of each Exhibitioner admitted to the foundation after the 31st day of December, 1878, shall be £132.

2. Until the 31st day of December, 1880, the greatest number of Exhibitioners shall be twelve.

3. During the year from the 31st day of December, 1880, to the 31st day of December, 1881, the greatest number of Exhibitioners shall be eleven.

After the 31st day of December, 1881, the greatest number of Exhibitioners shall be ten.

The number of ordinary Exhibitioners it shall be lawful to elect in each year shall be three, unless the number on the foundation for the time being would be thereby increased beyond the greatest number for the time being permitted by this agreement, in which case not more than two shall be elected.

By a subsequent agreement of date 21st January, 1886, the following modifications were made:—

1. The value of the Snell Exhibitions shall be reduced to £80 a year.

2. They shall be held, as heretofore, for five years, but the whole sum of £400 will be paid to each Exhibitioner during the first three years of his tenure in equal annual sums, but a moiety of the last annual payment shall be kept back, if the authorities of Balliol College think fit, until the Exhibitioner shall have taken his Degree.

Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided[1] as Undergraduate Students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland." "No candidate shall be admitted to examination who shall be a member of the University of Oxford of more than one year's standing from the day of his matriculation inclusive; and no candidate shall be admitted to examination more than once after he shall have completed his 23rd year; but a candidate otherwise qualified shall not be excluded from examination on the ground that he is a graduate of any Scotch University."

Candidates are expected to inscribe their names in a book kept at the Clerk of Senate's Office for the purpose, not later than 1st December, 1897. The next examination will be held in March and April, 1898, on the same days and at the same hours as the Examinations for the Degree of M.A. with Honours, the English paper being taken on Saturday, 26th March, at 10 A.M.

The subjects of examination are as follows:—

IN LATIN, GREEK, LOGIC, AND MORAL PHILOSOPHY.—The subjects of examination for the Degree of M.A. with Honours.

IN NATURAL PHILOSOPHY AND MATHEMATICS.—The subjects of examination for the Ordinary Degree of M.A., and higher subjects which any candidate may express a wish to be examined in.

---

[1] By Resolution of date December 13th, 1866, the Senate determined that "Residence" shall, for the purpose of the Snell Trust, be constituted by regular attendance as a public student for the complete winter session on not less than two of the classes in the curriculum for the Degree of Arts.

Candidates are requested to take notice that they are not required to attend the examination in more than one of the three departments of the examination, viz.: Classics, Mental Philosophy, Mathematics; that a candidate may be appointed for decided excellence in any one department alone; and if such excellence in some one of the departments be not displayed by three of the candidates, the Senate will either appoint a candidate who has shown sufficient proficiency in several departments, or will abstain from making three appointments. All candidates, however, will be required to write an English Essay on a subject prescribed at the time.

Exhibitioners—Edward H. Wallace, 1893; William Gow, 1894; William K. Gillies, 1895; George S. Adams, 1896; Peter W. Monie, 1897.

THOMSON EXPERIMENTAL SCHOLARSHIPS.—Three Scholarships, in value about £20 each, for the promotion of Experimental Research, founded by Sir William Thomson (now Lord Kelvin), LL.D., D.C.L., Professor of Natural Philosophy in the University, by letter to the Principal of date September 6th, 1869, in which, after referring to "the liberal and friendly spirit which had been shown him by his colleagues in respect to his connection with telegraphic enterprise," and the "facilities for experimenting which the College had afforded him," he states that "he wished to mark his sense of these benefits by setting aside something of what he had received to assist in promoting the cultivation of experimental investigation in Glasgow University," and for this purpose offered for the acceptance of the Senate the sum of £1,000.

The scholars are appointed by the Senate on the recommendation of the Professor of Natural Philosophy from among students who have previously shown their zeal and ability in Experimental Investigations in the Physical Laboratory, and they are required to engage in the continual prosecution of Experimental Investigations in the Laboratory for not less than nine months of the year, to the satisfaction of the Professor of Natural Philosophy. These Scholarships may be held along with any other Bursary, Scholarship, or Fellowship.

Scholars for 1897—Vincent J. Blyth, Robert M. Clark, Robert W. Stewart.

3.—*PRIZES.*

Besides the class Prizes, and a number of Prizes given by the different Professors for particular kinds of merit, there are others which the generosity of public spirited individuals has founded for the encouragement of learning in the University.

The names of the Prizemen for Session 1896-97 will be found in the Degree and Prize List.

INDEX.

FOUNDATION.	NATURE OF PRIZE.	AWARDED FOR
Arnott, - - - - -	£25 and £15.	Examinations.
Brunton Memorial, -	£10.	Do.
Buchanan (3), - - -	Books,	Do.
Cleland, - - - - -	Gold Medal,	Do.
Cleland & Rae Wilson,	Four Gold Medals,	Do.
Coulter, - - - - -	Two at £5 each,	Essays.
Cowan, - - - - -	Three Gold Medals,	Examinations.
Cunninghame, - - -	Gold Medal,	Do.
Dickson Prize, - - -	Books,	Do.
Dobbie-Smith, - - -	Gold Medal (biennial),	Essay.
Dowanhill, - - - -	£20 and £10,	Elocution.
Ewing, - - - - -	Gold Medal (biennial),	Essay.
Findlater, - - - - -	£38,	Examination.
Gartmore, - - - -	Gold Medal (biennial),	Essay.
Gladstone Historical -	£21 (biennial),	Examination.
Harvey, George, - -	£14,	Do.
Henderson, - - - -	£21,	Essay.
Jamieson, - - - -	£10,	Examination.
Jeffrey, - - - - -	Gold Medal,	Do.
Kirk Memorial, - - -	£12,	Do.
Logan, Thos., Memorial,	Gold Medal and £12,	Do.
Luke Historical, - -	£9 (biennial),	Do.
Macfarlan and Cook, -	£21,	Do.
Macleod, - - - - -	Gold Medal,	Do.
Muirhead, - - - -	Books,	Do.
Muirhead, G. Roger, -	£2 5s.,	Do.
Nichol Memorial, - -	Books,	Do.
Reid, John, - - - -	£25,	Original Research.
Ross, Robert (2), - -	Med., books, or money,	Examinations.
Scott-Macfarlan, - -	Gold Medal,	Examination.
University, - - - -	Silver Medal,	Essay.
Walker (4), - - - -	Books, etc.,	Examinations.

ARNOTT PRIZES.—Founded in 1869, by Dr. Neil Arnott of London, who presented to the Senate the sum of £1,000 to found a Prize, or Prizes, for the encouragement of the study of Natural Philosophy among the Medical students of the University.

By resolution of the Senate of date April 10, 1873, the following regulations were adopted :—

1. That there shall be two separate examinations—one in General Physics, for students of the first and second years of their Medical studies ; the other for students of the third and fourth years, in Physiological Physics, or the application of the doctrine of General Physics to Physiological Science.

2. The knowledge required for the second of these examinations being much more extensive, and of a much higher order than that required for the first, and being the kind of knowledge of which it is most important to encourage the cultivation, as not only useful in the practice of the Medical Art, but eminently fitted to advance the Physiological Sciences; that a sum of not less than Twenty-five pounds be offered annually, in one or several sums, as circumstances may require, to the student or students who excel in the second examination.

3. That the remaining portion of the revenue derived annually from Dr. Arnott's donation be offered in the same way to the student or students who excel in the first examination.

4. That the first examination be under the superintendence of the Faculty of Arts, with the Professors of Physiology and of Anatomy as Assessors.

5. That the second examination shall be under the superintendence of the Medical Faculty, with the Professors of Natural Philosophy and of Mathematics as Assessors.

6. That all candidates shall, at the commencement of each session, intimate their intention to the Assistant Clerk (Matriculation Office); and that, to prevent unqualified persons from coming forward, each candidate shall produce satisfactory evidence of his having attended a Course of Lectures on Natural Philosophy, or of having been a pupil in a Laboratory where Practical Physics or Practical Physiology is taught; or, failing of these qualifications, he shall deposit the sum of ten shillings, which shall be forfeited if his examination marks fall below the average standard.

7. That every candidate who passes creditably the first examination shall be thereby entitled to come forward for the second, without being obliged to deposit the sum of ten shillings.

8. That no prize shall be awarded without sufficient merit being shown, and that in the event of one or more of the prizes on any occasion not being awarded, the amount shall be added to the principal sum.

The examination will be in writing, and will be held on Saturday, the 9th October, 1897, in the Examination Hall, at 2 P.M. Intending candidates to give in their names to the Assistant Clerk (Matriculation Office) on or before 22nd September.

BRUNTON MEMORIAL PRIZE.—Founded in 1879, in memory of the late Duncan M. Brunton, M.A., M.B., Paisley, a distinguished graduate of this University, who died on 16th November, 1876, of fever, contracted in the diligent discharge of his professional duties in the Royal Infirmary of Paisley. The Committee of Subscribers paid over to the Senate the sum of £300, the interest of which is to be given annually to the most distinguished graduate in Medicine of the year.

BUCHANAN PRIZES.—A Bursary was founded in 1866, in recognition of the eminent services of Robert Buchanan, LL.D., as Professor of Logic and Rhetoric in the University during the long period of forty years. The fund consists of a sum of £314 raised by subscription. The Buchanan Bursaries having been founded under the Will of Professor Buchanan, the proceeds of this fund are now, with the sanction of the subscribers, applied to the purchase of books, which are annually awarded to the most distinguished students in the classes of Logic, Moral Philosophy, and English Literature.

CLELAND AND RAE WILSON GOLD MEDALS.—Dr. James Cleland, Superintendent of Public Works in Glasgow, who died 14th October, 1840, founded a Gold Medal of the value of Ten Guineas, to be bestowed in alternate years on a student of Divinity, and a student of Natural Philosophy, as a prize for the best Essay on any subject to be prescribed by the Principal and Professors of the University.

Dr. William Rae Wilson of Kelvinbank, who died 2nd June, 1849, founded a Gold Medal to be bestowed upon the Divinity student who should produce the best Essay on the Life of Christ.

These foundations are now regulated by Ordinance No. 97 of the Universities Commission (1889). The Cleland Gold Medal, not exceeding ten guineas in value, is awarded to the most distinguished student in the class of Natural Philosophy in each year. The remainder of the free income of the Cleland Foundation is added to the total free income of the Rae Wilson Foundation, to provide four Gold Medals of equal value. These medals are awarded in each year as follows:—One to the most distinguished student in each of the classes of (1) Divinity, (2) Ecclesiastical History, (3) Hebrew and Semitic Languages, and (4) Divinity and Biblical Criticism. In the event of there being no student of sufficient distinction in any of these classes, the proportion of the income for that year may be applied towards the promotion of theological study in such manner as the Senate may decide.

COULTER PRIZES.—In 1787 Mr. James Coulter, merchant in Glasgow, bequeathed £200 to the University, "the annual proceeds to be applied in premiums, one or more, either pecuniary or honorary, for the encouragement of Composition and Elocution, upon subjects of the Faculty's choosing." The interest of this sum is now divided into Two Prizes of £5 each; the one to be given in alternate years for a Sermon or Theological Essay, and for an Essay on Mental Philosophy and English Literature, the other to be given annually for a translation from some Classical Author, or other composition connected with Classical Literature. The competition for these prizes is open to all matriculated students of the University.

Cowan Gold Medals.—In 1836 Dr. Cowan of Sunderland presented to the University the sum of £400, the interest to be applied annually in the purchase of Two Gold Medals of the value of about £10 each, to be awarded to the two students who may distinguish themselves most in the Greek and Latin Examination upon the Blackstone; and shortly afterwards (1839) the same gentleman presented the University with an additional sum of £105, the interest to be expended annually in the purchase of a Gold Medal of the value of £5, to be awarded to the best student in the Humanity Class.

The examination for Dr. Cowan's Blackstone Medals will be held early in November, 1897. Competitors to be eligible must be public students in some curriculum class in the Faculty of Arts.

For the Greek Medal—1. A candidate must have received a Certificate in the Greek Class for session 1896-97.

2. Every candidate will be required to answer a Preliminary Paper, consisting of unprepared passages for translation.

3. Two or more candidates, selected by this paper, will on a subsequent day be examined orally in the books which they offer.

4. Each selected candidate must offer for the Oral Examination (i.) one Verse Subject, (ii.) one Prose Subject. (i.) The Verse Subject must be *either* five books of Homer, *or* two Greek plays (tragedies or comedies). (ii.) The Prose Subject may be any *one* of the following:—(*a*) Herodotus—two books; (*b*) Thucydides—two books; (*c*) Plato—two dialogues, or two books of the *Republic*; (*d*) Aristotle—two books of the *Ethics*, of the *Politics*, or of the *Rhetoric*.

5. Any member of the Greek Class for session 1897-98 is at liberty to go in for the Preliminary Paper, even though he is not a candidate for the Cowan Medal; and if he acquits himself with distinction in that paper, his name will be mentioned when the award of the Medal is announced.

For the Latin Medal, competitors must in the session preceding the competition have received a public ticket of the Latin Class.

Notice is hereby given, that at the examination for Dr. Cowan's Medals in November, 1892, and thereafter, no one will be admitted to compete for the Greek Cowan Medal who has attended for more than three sessions, or who, after passing the preliminary examination in Greek, has attended for more than two sessions in any Scottish University, and no one shall be admitted to compete for the Latin Cowan Medal who has attended for more than two sessions, or who, having been admitted to the Senior Class in consequence of having passed the preliminary examination in Latin, has attended for more than one session in any Scottish University.

Cunninghame Gold Medal.—In 1886 Mr. Andrew Cunninghame, Town Clerk Depute of Glasgow, bequeathed to the University, *inter alia*, £350, free of legacy duty, with directions that the annual revenue thereof should be applied in purchasing a Gold Medal as a prize in the class of Mathematics.

DICKSON PRIZE.—In 1895, when Professor Dickson retired from the Chair of Divinity, his former students presented him with a testimonial consisting of silver plate and a cheque for £120. This sum was handed over by Dr. Dickson to the University Court, that the free annual income might be applied in the form of a prize of serviceable books to accompany the gold medal given to the most distinguished student of the year in the class of Divinity. In accordance with the wish of the subscribers the prize has been called the Dickson Prize.

DOBBIE-SMITH GOLD MEDAL.—In 1881 Mr. Thomas Smith, L.R.C.S.E., Heriot Hill House, Edinburgh, presented to the University, in memory of his wife, lately deceased, the sum of £150 for the purpose of founding a University Gold Medal of about £10 in value, to be given biennially for the encouragement of the study of Botany. The competition is open to all Matriculated Students of the session in which the Medal is to be awarded; the subject of competition—which shall always be a Botanical subject—to be selected by the Professors of Botany and Natural History, and announced at least eighteen months before the date fixed for receiving essays.

The next competition to be on any subject within the limits of the Science of Botany. The treatment of the subject to show original work, and each essay to be accompanied by an illustrative series of macroscopic and microscopic specimens. Essays to be given in to the Principal on or before 30th September, 1897.

DOWANHILL PRIZES.—Two prizes, one of £20, and the other of £10, for "Excellence in the Art of Oratory and Declamation, and in the practice of a refined and pleasing Delivery, and in reading the Scriptures," founded in 1865 by Mr. John Buchanan, merchant in Glasgow, as sole Trustee, nominated and appointed by his deceased brother, Mr. Thomas Buchanan, also merchant in Glasgow, and in order to carry out the intentions of his said brother. These prizes are awarded annually to Students of Divinity, at the termination of the third or fourth session of their attendance on the Hall, by the votes of their fellow-students. Competitors must have attended for two sessions an Elocution Class, taught by a master approved by the Senate.[1]

The above foundation is in memory of the late Mr. James Buchanan of Dowanhill, of Ellison MacCallum, his wife, and of Mr. George Buchanan of Stanley, Perthshire, the Father, Mother, and elder Brother of the Founder.

[1] See note under Faculty of Theology, *supra*.

EWING GOLD MEDAL.—In 1828 James Ewing, LL.D., of Levenside, presented the University with £100 for a Gold Medal to be given every second year for the best essay on an historical subject. The Gartmore and Ewing Medals are to be given alternately.

FINDLATER (DIVINITY) SCHOLARSHIP OR PRIZE.—This Scholarship, consisting of the free annual proceeds of the sum of £1,000 gifted to the Senate by Mr. Alexander Findlater, Dublin, was founded in 1871. The following regulations have been adopted by the Senate:—

1. The Findlater Scholarship shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

The next competition will take place in October, 1897, and March, 1898. Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 20th October, 1897.

GARTMORE GOLD MEDAL.—In 1788 Mr. Robert Graham of Gartmore presented the University with £100 for the institution of a Prize for the best essay on any subject intimately connected with the nature, foundation, advantages, and support of political liberty. This Prize—a Gold Medal—is open to the competition of all students of the University, and is given biennially. The founder directed that the surpluses should be accumulated till a capital was formed sufficient to found a Bursary.—See Gartmore Bursary, p. 248.

GLADSTONE HISTORICAL PRIZE.—Founded in 1880 by the Gladstone Club, in commemoration of the election in 1877 of the Right Honourable William Ewart Gladstone, M.P., as Lord Rector of Glasgow University, and in recognition of his distinguished career as a scholar, author, statesman, and orator. The following are the regulations:—

1. The prize shall be given for the best examination in English History.

2. The examination shall be held biennially.

3. The value of the Prize shall be Twenty Guineas.

4. The competition shall be open to Graduates of Glasgow University of not more than two years' standing from the date of their first graduation. The seventh competition will take place in January, 1898. Names of competitors to be given in to the Assistant Clerk (Matriculation Office) not later than 1st December, 1897.

GEORGE HARVEY PRIZE.—Founded in 1874, by the liberality of a donor who has withheld his name, in memory of the late Mr. George Harvey of No. 9 Park Quadrant, Glasgow. Present annual value £14, which is given as a prize in the class of Civil Engineering, to the student who shows, during the session, the greatest proficiency in the department of applied Mechanics and Shipbuilding. Any accumulation of surplus income to be given as a second prize of £5 or £10 in the same department.

HENDERSON PRIZE.—In 1850 Mr. John Henderson of Park, merchant in Glasgow, instituted an annual prize of the value of £21 sterling, to be called the "Henderson Prize," for the best Essay on some subject relating to the Divine Authority and Practical Value and Influence of the Sabbath. The Universities Commission (1889), by Ordinance No. 101, altered the conditions and directions affecting this prize. It is now to be awarded for the best essay on a subject to be fixed by the Faculty of Divinity, provided always that in every third year at least, the subject shall relate to the Divine authority and practical value and influence of the Sabbath. The competition is to be open to Masters of Arts of not more than five years' standing, as well as to matriculated students of the University.

JAMIESON PRIZE.—In 1854 a subscription list was opened for the foundation of a prize or scholarship in Divinity, but the commercial difficulties of the following years prevented the purpose of the promoters being carried out at the time. In 1881 the sum subscribed, amounting, with accumulated interest, to £319 6s. 4d., was handed over to the University, and the Senate resolved to connect it with the name of the Convener of the Committee of subscribers, the Rev. Robert Jamieson, D.D., formerly minister of St. Paul's Church, Glasgow.

The following regulations have been adopted by the Senate :—

1. The Jamieson Prize shall be awarded annually by competition.

2. The subjects of examination shall be the same as those prescribed for the Degree of B.D., and the examinations shall be held at the same times as the examinations for the Degree of B.D.

3. The competition shall be open to all students of Divinity in this University who shall complete the ordinary course at the close of the session in which the examinations are held.

4. The Prize shall not be awarded to any one who has gained a Scholarship or Fellowship in Divinity.

The next competition will take place in October, 1897, and March, 1898. Names of candidates to be given in to the Assistant Clerk (Matriculation Office) on or before 20th October, 1897.

JEFFREY GOLD MEDAL.—Mr. Francis Jeffrey, advocate (afterwards Lord Jeffrey), on his re-election as Lord Rector of this University, in 1821, gave a prize of a Gold Medal and continued to do so annually.

In 1849 Lord Jeffrey presented the University with the sum of £120 for a Gold Medal to be awarded each session to the most distinguished student of the Greek Class.

KIRK MEMORIAL PRIZE.—A sum of £402 was collected in 1893 by various friends of the late Alexander Carnegie Kirk, LL.D., formerly President of the Institution of Engineers and Shipbuilders in Scotland, for the purpose of founding a prize in his name, in connection with the Naval Architecture Class in the University. The free annual income of the foundation is awarded annually as a prize. The competition is open to students who have, in the session of competition, attended the Senior Class of Naval Architecture, and who are completing the Final Science Examination under Ordinance No. 23, Glasgow No. 2, embracing (*a*) Naval Architecture with Marine Engineering, and (*b*) Practical Work in Ship and Marine Engineering Drawing, the award being determined by the proficiency shown in (*a*) and (*b*). Should two or more candidates be reported equal, the Senate may divide the Prize, or prescribe a further examination. The subscribers have given the Senate power to convert this Prize into a Bursary, should it be found expedient or advantageous to do so at any future time.

LIVINGSTONE GOLD MEDAL.—In 1897 Mr. Allan Wyon, Chief Engraver of Her Majesty's Seals, London, offered to present annually as a memorial of David Livingstone, LL.D., the missionary explorer in Africa, a Gold Medal, between £8 and £9 in value, to the matriculated student of either sex who should write the best essay on some subject connected with Christian Missions to the Heathen.

THOMAS LOGAN MEMORIAL MEDAL AND PRIZE.—Mr. David Logan, fruiterer, Glasgow, who died on 19th May, 1886, directed his trustees to pay to the Senate the sum of £500, free of legacy duty, to found a Gold Medal and Prize in memory of his brother, Thomas Logan. The Medal is of the value of £5, and the Prize consists of the balance of the annual proceeds given in money. They are awarded annually in November to the most distinguished graduate in Arts of the year.

LUKE HISTORICAL PRIZE.—A sum of £150 was collected in 1863 by various friends of the late Mr. George Rankin Luke, in Oxford and Scotland, for the purpose of founding a prize in his name, in connection with the University of Glasgow, where he studied during two years of his brilliant career as a scholar.

The Senate, with the sanction of the promoters of this fund, resolved to employ it to found a biennial Prize, for excelling in a competitive examination on general subjects connected with Ancient

History and Literature. The examination to be conducted either altogether in writing, or by combination of writing and *vivâ voce* questions ; and the determination to rest with the Professors of Humanity and Greek, in conjunction, in case of uncertainty, with any one of their colleagues whom they may desire to nominate.

The Prize on the above foundation is given to the student who acquits himself best in an examination in Ancient Greek and Roman History.

The next competition will be held in January, 1899. In addition to historical questions, original passages will be given for translation from the standard authors. The competition is open to all students who shall have attended during session 1897-98 any Greek or Latin Class.

Names of Candidates to be given in to the Assistant Clerk (Matriculation Office) on 1st December, 1898.

MACFARLAN AND COOK TESTIMONIAL PRIZE.—The Macfarlan and Cook Testimonial Prize of Twenty Guineas, instituted in 1847 (along with a similar Prize in the University of St. Andrews), by the friends of the late Principal Macfarlan, D.D. of this University, and Professor George Cook, D.D. of St. Andrews, as a memorial of the services rendered to the Church of Scotland by these eminent clergymen, is bestowed annually on the Theological Student, of three years' standing, who shall pass the best examination in Greek, Moral Philosophy, Hebrew, Ecclesiastical History, and Divinity.

MACLEOD MEDAL.—In 1895 Lady Macleod instituted this Gold Medal in memory of her husband, Sir George Husband Baird Macleod, M.D., LL.D., Regius Professor of Surgery in this University from 1869 to 1892. The competition is open only to those who have attended the classes of Systematic and Operative Surgery taught by the Regius Professor of Surgery in the University, and women students are not eligible. The Medal is awarded yearly to the student who most distinguishes himself in the work (written, oral, and practical) of these classes.

MUIRHEAD PRIZES.—In 1776 Messrs. John Muirhead of Teggetsheugh, and Peter Muirhead, minister of Dysart, brothers of the deceased Mr. George Muirhead, Professor of Humanity in Glasgow College, presented a donation of £100, the interest to be applied in purchase of books to be awarded as prizes to those students attending the Humanity Class who shall be thought most deserving.

GEORGE ROGER MUIRHEAD PRIZE.—In 1896 a sum of £100 was bequeathed to the University by Mrs. Elizabeth Lockhart Roger or Muirhead, Glasgow, to found a prize in the Chemistry class in memory of her son, George Roger Muirhead, who studied Chemistry in this University. The free annual income is paid annually to the medallist of the Chemistry class for the year.

NICHOL MEMORIAL PRIZE.—In 1895 Mrs. Jack presented the University with the sum of £150 for the purpose of founding a prize, to be called the "Nichol Memorial Prize," in memory of her brother, John Nichol, LL.D., Professor of English Language and Literature in this University from 1862 till 1889, who died in London on 11th October, 1894, and especially in commemoration of the active interest which he took in the teaching of English Literature to women in Glasgow and elsewhere. The free income of the fund is applied annually to providing a first prize for the English Literature Class in Queen Margaret College.

RAE WILSON GOLD MEDAL.—(See Cleland and Rae Wilson, p. 312.)

JOHN REID PRIZE.—A Prize of the value of £25 was founded in 1882 by Miss Mary Reid, Renfrew Street, Glasgow, in memory of her brother, the late Mr. John Reid, surgeon, 150 Renfrew Street, Glasgow. The prize will be awarded for the best original research conducted in one of the Hospitals or Scientific Laboratories in Glasgow, bearing on any department of Medical Science. The competition is open to registered students of medicine of not less than two years' standing; and to qualified medical men of not more than two years' standing, who (1) are still attached as *bonâ fide* students to one of the Glasgow Medical Schools, who (2) are not engaged in practice, and who (3) undertake to give up the prize if they enter on practice while holding it. All candidates are required to produce evidence of having attended a regular course of instruction, in one of the medical schools of Glasgow, on *four* of the following subjects:—Medicine, Clinical Medicine, Surgery, Clinical Surgery, Materia Medica, Physiology, Pathology—such course of instruction having been received, in whole or in part, within three years of competing for the prize. The prize may be awarded for one, two, or three years, according to the value of the work done.

Further information may be obtained from Mr. John Hurll, jun., writer, 121 West Regent Street, Glasgow.

ROBERT ROSS PRIZE.—The late Robert Ross, Esq., writer, Glasgow, by his Will, dated 1880, bequeathed to the Dean and Council of the Faculty of Procurators, Glasgow, the sum of £500, to be held by them in trust, "to the end that the free annual income thereof shall be applied as an annual prize in the form of a medal, of books, or of money, as the Dean and Council may determine, to a student in each of the Scots Law Class and the Conveyancing Class of the University of Glasgow in equal proportions, such prize to be awarded for eminence displayed, either in the general business of the class or in any other manner in which the said Dean and Council may prescribe."

SCOTT-MACFARLAN GOLD MEDAL.—Founded in 1870 by Miss Scott, daughter of the late Rev. Robert Allan Scott, Vicar of Cranwell, Lincolnshire, in fulfilment of her father's intentions.

Mr. Scott, wishing to encourage the study of Greek in the University of Glasgow, of which he was an alumnus, and from which he obtained an Exhibition to Balliol College, Oxford, in 1825, dedicated to that purpose the sum of £100 for a Gold Medal, to be called the "Scott-Macfarlan Prize for Greek," in memory of Mr. Scott's kinsman, the late Principal Macfarlan, and to be given on the last day of the session in each year to the best scholar in Greek of the session; the medal to be adjudged by the votes of the students of the upper Greek class. As the Jeffrey Medal has long been given to the best student in the senior Greek Class, Miss Scott consented to give the "Scott-Macfarlan" Medal to the best student in the middle class.

UNIVERSITY MEDAL.—The University bestows annually a Silver Medal for an Essay in Mental Philosophy.

WALKER PRIZES.—Four Prizes (consisting of Books or Instruments) to be competed for each year by students of Civil Engineering and Mechanics, founded in 1857 and 1861 by James Walker, Esq., Civil Engineer, LL.D., F.R.SS.L. and E.

The competition is open to all persons who shall have duly entered themselves as attending the class of Civil Engineering and Mechanics during the current session.

The competitors are examined orally and in writing; and two of the prizes are awarded on the results of the written examinations; the other two by votes of the class.

WATT PRIZE.—In 1808, James Watt, LL.D., presented the College with a perpetual annuity of £10, for the institution of a prize, to be awarded to the author of the best Essay on some subject in the following branches of study, to be taken in rotation:—1. Any branch of Mechanics or its dependent Arts. 2. Statics, and the Machines and Arts dependent. 3. Pneumatics, Statical or Chemical, Machines and Arts. 4. Hydraulics, Hydrostatics, their Machines and Arts. 5. Chemistry, its Arts and Apparatus. All actual students who had completed, or who, at the end of the session in which the Prize fell to be awarded, should have completed a regular course of study in Languages and Philosophy, might be competitors. By Ordinance No. 93 of the Universities Commission (1889), dated 15th February, 1895, it is provided that the Watt Prize shall be discontinued, that the funds shall be allowed to accumulate for four years from the date of the Ordinance, and that thereafter a James Watt Scholarship in Engineering shall be established.

LIST OF BURSARIES, &c., OPEN TO COMPETITION DURING SESSION 1897-98.

A.—FACULTY OF ARTS.

1.—BURSARIES.

The following is a summary of the principal provisions of Ordinance No. 57[1] of the Universities Commission (1889) relating to the Bursary competition :—

The subjects of the examination for open Bursaries in Arts of the first year shall be the subjects prescribed for the Arts Preliminary, of which subjects candidates may select not more than five. Candidates who select Latin, Greek, or Mathematics, must take the papers of the higher standard in those subjects. In determining the marks to be assigned to the several subjects of examination, English, Latin, Greek, and Mathematics shall each have assigned to them double the marks assigned to any other subject, and no candidate shall be credited with marks in any subject in which he has not obtained such proportion of the total number of marks assigned to that subject as the Senate may from time to time prescribe.

No Candidate shall, except as hereinafter provided, obtain an open Bursary in Arts who shall not have passed the Preliminary Examination in Arts ; provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to an open Bursary in Arts a Candidate who shall have passed in at least three subjects of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the second Preliminary Examination after the date of his admission as Bursar.

No student who has during a winter or summer session attended in any Scottish University any class qualifying in his case for graduation in Arts or Science, shall be eligible to compete for Bursaries of the first year in Arts or Science.

Candidates for Bursaries in Arts which are not awarded by open competition shall present themselves for the Preliminary Examination in Arts, and no Bursary shall, except as hereinafter provided, be awarded to any Candidate who shall not have passed the Preliminary Examination in Arts : provided that it shall be in the power of the Senate, with the approval of the University Court, to admit to a Bursary in Arts not awarded by open competition a Candidate who shall have passed in at least one subject of the Preliminary Examination, on the condition that he shall not retain the Bursary unless he shall have passed in all the subjects not later than the Second Preliminary Examination after the date of his admission as Bursar.

---

[1] The full text of this ordinance is printed at pp. 223–226.

FOR STUDENTS ENTERING THE FIRST SESSION IN ARTS.

1. *Blackquarry Bursary*, annual value £12, tenable for four years—open.

2. *Buchanan Bursary*, annual value £13, tenable for three years—open.

3. *Forfar Bursary*, annual value £36, tenable for four years—open.

4. *Foundation Bursary*, annual value £20, tenable for four years—open.

5. *General Council Bursary*, annual value £20, tenable for three years—open to students of either sex.

6*a*. *Malcolm M'Ewen Bursary*, annual value £16, tenable for four years—open.

6*b*. *King William's Bursary*, annual value £15, tenable for three years—open.

7. *Taylor Bursary*, annual value £7 tenable for four years—open. [Tenable in any Faculty.]

8, 9, 10, 11, 12, and 13. *Sir John Clark* (*Mile-End*) *Bursaries*, annual value £30 each, tenable for four years, for Protestant students, sons of Protestant parents.

14. *Barbour Kilbarchan Bursary*, annual value about £18, tenable for three years, open only to candidates not exceeding 18 years of age from Kilbarchan Public School.

15 and 16. *Two Biggart Memorial Bursaries*, annual value £25 each, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

17. *Brand Bursary*, annual value £22, tenable for four years, for students preparing for the Ministry of the United Presbyterian Church.

18. *Brown-Paton Bursary*, annual value about £16, tenable for three years. Preference to natives of Loudon or Galston, whom failing, to natives of any other part of Ayrshire.

19. *Buchanan* (*Bellfield*) *Bursary*, annual value £47, tenable during the whole curriculum, for students preparing for the Ministry of the Church of Scotland.

20. *Cowan Bursary*, value for each of first two years £30, for third year £20, for students who have attended Ayr Academy for at least two years before the date of examination. Apply to Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September.

21. *Archibald Craig Bursary*, annual value £9, tenable for two years, for students who are natives of Eaglesham or Mearns, or who for two consecutive years have attended school in either of these parishes.

22. *Davidson Bursary*, annual value £32, tenable for three years. Preference, *cæteris paribus*, to the Founder's relatives, and to natives of Muirkirk, Dalserf, Lesmahagow, and Loudon.

23. *Denny Bursary*, annual value £30, tenable for four years, for students from Dumbarton Burgh Academy. [Tenable in any Faculty.]

24. *Duncan's Bute Bursary*, annual value £32, tenable for four years, for students who are natives of Bute.

25. *James Ewing Entrance Bursary*, annual value £20, tenable for four years, for sons of Glasgow merchants. Apply to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September.

26, 27, and 28. *Three Fullarton of Overton Bursaries*, annual value £22 each, tenable for two years, for students under 25 years of age, from the district of Cunninghame, in Ayrshire. Subjects for Examination Latin, Elementary Mathematics, and English.

29. *Hamilton Educational Trust Bursary*, annual value £15, tenable for three years, open to pupils attending public or State aided schools in the burgh and Parish of Hamilton. Apply to Mr. Patrick Keith, Writer, Hamilton, before the first day of September.

30. *Hannay Bursary*, annual value about £15, tenable for three years, for students preparing for the Ministry of any Evangelical Religious Denomination in Scotland. Apply to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September.

31, 32, and 33. *Three Glasgow Highland Society's Bursaries*, annual value £20 each, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September.

34, 35, and 36. *Three Glasgow City Educational Endowments Bursaries*, annual value £25 each, tenable for four years, for students from public or State-aided schools in Glasgow. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

37, 38, 39, 40, and 41. *Five Hutchesons' Educational Trust Bursaries*, annual value £20 each, tenable for four years, for students who have attended two sessions in the secondary department of Hutchesons' Grammar School. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September.

42 and 43. *Two James Laing Bursaries*, annual value £25 each, tenable for four years, for students of either sex who have been educated for at least three years in a school or schools in Stirlingshire. Apply to Mr. William Jenkins, Writer, Denny, before the first day of September.

44. *James Lochhead Bursary*, annual value £16, tenable for three years. Preference to students of the name of Lochhead, whose parents are members of the Established Church of Scotland.

45. *Lusk Bursary*, annual value £30, tenable for three years, for students preparing for the Ministry of any of the Presbyterian Churches of Scotland.

46, 47, 48, and 49. *Four Marshall Trust Bursaries*, annual value £30 each, tenable for five years, for students of either sex from public or State-aided schools in Lanarkshire or Stirlingshire. Apply to Mr. Wm. Mitchell, 134 Wellington Street, Glasgow, before the first day of September.

50. *Patrick Bursary*, annual value about £24, tenable for four years, for students from Renfrewshire.

51. *Glasgow Perthshire Society Bursary*, annual value £25, tenable for three years, for students connected with the county of Perth. Apply to Mr. George Gray, Writer, County Buildings, Glasgow, before the twenty-fifth day of August.

52. *Pollock Bursary*, annual value £40, tenable for three years. Preference to candidates educated in Paisley.

53. *William Whyte Bursary*, annual value £25, tenable for four years, open to students who have attended and completed the curriculum in the Secondary

Department of Hutchesons' Grammar School. Apply to Messrs. Hill & Hoggan, 194 Ingram Street, on or before the first day of September. [Tenable also in Law or Medicine.]

54. *Major Young's Fund*, annual value £22, tenable for six years, open to students who are entering upon a course of study for a degree in Law.

FOR STUDENTS ENTERING THE SECOND SESSION IN ARTS.

Nos. 3, 4, 5, 7, 17, 22, 24, 26, 27, 28, 42, 43, 45 in the preceding list.

55. *Park General Council*, annual value £20, tenable for two years—open to students of either sex.

56 and 57. *Two James A. Paterson Bursaries*, annual value £40 and £20 respectively, tenable for three years, for students preparing for the Ministry of the United Presbyterian Church. The subjects of examination are Greek and Hebrew, as detailed at page 276.

58. *Lorimer Bursary*, annual value £25, tenable for three years. The examination will take place along with the Arts Preliminary Examination in Mathematics, but may embrace higher papers.

59. *Lorimer Bursary*, annual value £25, tenable for three years. Subjects of examination—1. *Logic:* (*a*) Descartes, *Meditations* (Veitch's translation); (*b*) Ferrier, *Lectures on Greek Philosophy*, the Pre-Socratic period. 2. *English Literature:* (*a*) Shakespeare's *As You Like It;* (*b*) Tennyson's *Idylls of the King*.

FOR STUDENTS ENTERING THEIR THIRD SESSION OF ATTENDANCE IN ARTS.

60. *John Ferguson Jaffrey Bursary*, annual value £34, tenable for two years. The subjects of examination are the same as for the Lorimer Bursary, No. 59.

FOR STUDENTS IN ARTS WITHOUT RESTRICTION TO A PARTICULAR SESSION.

61. *James Ferguson Bursary*, annual value £85, tenable for two years. Preference, *ceteris paribus*, to natives of Lesmahagow or Muirkirk, or Pictou, Nova Scotia, and also to students of the name Ferguson or Weir, or to the kin of the Founder. The examination is the same as that for Honours in Mathematics and Natural Philosophy.

62. *Malcolm Kerr Bursary*, annual value £19, tenable for three years. The subjects of examination are in Natural Philosophy, and are those for M.A. with Second Class Honours.

63. *Monteith Bursary*, annual value about £14, tenable for three years. Open only to natives of Scotland and sons of Scottish parents. Examination in French.

64. *Muir Junior Bursary in Mathematics*, annual value £10, tenable for sessions 1898-99, 1899-1900. The appointment will be determined by the results of the written examinations passed in the course of the session 1897-98 by the public students of the Second Class of Mathematics.

65. *Muir Senior Bursary in Mathematics*, annual value £20, tenable for session 1898-99. The appointment will be determined by the results of the written examinations passed in the course of the session 1897-98 by the public students of the Intermediate Honours Mathematical Class.

2.—FELLOWSHIPS, SCHOLARSHIPS, ETC.

66. *George A. Clark Scholarship in Classics*, annual value about £170, tenable for four years. Open to Glasgow Masters of Arts with Honours, or students presenting themselves for the M.A. degree with Honours in Classics, but no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the M.A. degree.

67. *John Clark (Mile-End) Scholarship in Mental Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

68. *William Ewing Fellowship in Mental Philosophy*, annual value £100, tenable for three years. Open to Glasgow Masters of Arts.

69. *Eglinton Fellowship in Mathematics and Natural Philosophy*, annual value £100, tenable for three years. Open to Glasgow Masters of Arts.

70. *John Clark (Mile-End) Scholarship in Mathematics and Natural Philosophy*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

71. *Armagh Bursary in Mathematics and Natural Philosophy*, annual value £45, tenable for three years in Theology, Law, or Medicine. Open to students who are presenting themselves for the final examination for the degree of M.A. with Honours.

72. *John Clark (Mile-End) Scholarship in English*, annual value £50, tenable for four years. Open to all Protestant students of good moral character, sons of Protestant parents, and who have completed their curriculum in Arts in Glasgow University.

73. *Sandford Scholarship*, annual value £20, tenable for two years. Open to all matriculated students (not Masters of Arts) who have attended the Public Greek Classes for not less than two sessions.

74. *Snell Exhibition*, annual value about £133, tenable for three years. Candidates must have been born in Scotland, or must be sons of fathers born in Scotland, and must "have resided as undergraduate students for two years at least in Glasgow College, or for one year in that College and two at least in some other College in Scotland."

75. *Gladstone Historical Prize* of £21, open to graduates of Glasgow University of not more than two years' standing from the date of their first graduation.

76. *Thomas Logan Memorial Medal and Prize* of £12 will be awarded in November to the most distinguished graduate in Arts of the year.

DATES OF EXAMINATIONS.

The examinations for Bursaries Nos. 1 to 55 in the above list will commence on Friday, 24th September, at 2 p.m. The examination papers will be given in the following order, viz. :—

On Friday,	24th September,	2—5 p.m.,	Italian.
On Saturday,	25th ,,	9—11 a.m.,	English (1st paper).
,,	,, ,,	12—2 p.m.,	English (2nd paper).
,,	,, ,,	3—6 p.m.,	Lower Greek.
On Monday,	27th September,	9—12 noon,	Lower Latin.
,,	,, ,,	2—5 p.m.,	Lower Mathematics.
On Tuesday,	28th ,,	9—11 a.m.,	Higher Latin (1st paper).

On Tuesday,	28th	September,	12— 2 p.m.,	Higher Latin (2nd paper).
,,	,,	,,	3 - 4.30 p.m.,	French (1st paper).
On Wednesday,	29th	,,	9—11 a.m.,	Higher Greek (1st paper).
,,	,,	,,	12— 2 p.m.,	Higher Greek (2nd paper).
,,	,,	,,	3— 4.30 p.m.,	German (1st paper).
On Thursday,	30th	,,	9—11 a.m.,	Intermediate and Higher Mathematics (1st paper).
,,	,,	,,	12— 2 p.m.,	Do. (2nd paper).
,,	,,	,,	3— 5 p.m.,	French (2nd paper).
On Friday,	1st	October,	9—11 a.m.,	German (2nd paper).
,,	,,	,,	1— 4 p.m.,	Dynamics.

The examination for Bursaries Nos. 56 and 57, on Tuesday, 26th October, at 10 a.m., and Wednesday 27th October, at 2 p.m.; for Bursary No. 58, on Thursday, 30th September, at 9 a.m. and 12 noon; for Bursaries Nos. 59 and 60, on Wednesday, 13th October, at 10 a.m. and 2 p.m.; for Bursary No. 61, on Friday, 8th October, and Saturday, 9th October, at 10 a.m. and 2 p.m. each day; for Bursary No. 62, on Saturday, 9th October, at 10 a.m. and 2 p.m.: and for Bursary No. 63, on Tuesday, 28th September, at 3 p.m., and Thursday, 30th September, at 3 p.m.

The examinations for the Scholarships and Fellowships Nos. 66 to 72 inclusive, in the above list, will be held along with the examinations for Honours in the several departments for the Degree of M.A. in October, 1897; for No. 73, in the month of March, 1898; for No. 74, along with the examinations for Honours in March and April, 1898, the English paper being taken on Saturday, 26th March, at 10 a.m.; and for the Prize No. 75 in January, 1898.

Dates for sending in Applications.

Candidates for the Bursaries Nos. 1 to 58 inclusive and No. 63 are required to give in their names to the Assistant Clerk (Matriculation Office), not later than Thursday, 9th September; and for Bursaries Nos. 59 to 62, not later than Wednesday, 22nd September. A schedule, which is to be filled up by each candidate, may be obtained from the Assistant Clerk (Matriculation Office). Candidates for the Bursary No. 20 must, besides, give in their names to Mr. J. G. M'Skimming, 7 Wellington Square, Ayr, before the first day of September; for No. 25, to W. H. Hill, LL.D., Clerk to the Merchants' House, before the first day of September; for No. 29, to Mr. Patrick Keith, Writer, Hamilton, before the first day of September; for No. 30, to Mr. Robert Brodie, 77 St. Vincent Street, before the first day of September; for Nos. 31 to 33, to Mr. R. Hope Robertson, 58 St. Vincent Street, before the first day of September; for Nos 34 to 41, to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, before the first day of September; for Nos. 42 and 43, to Mr. William Jenkins, Writer, Denny, before the first day of September; for Nos. 46 to 49, to Mr. William Mitchell, 134 Wellington Street, before the first day of September; for No. 51, to Mr. George Gray, County Buildings, Glasgow, before the twenty-fifth day of August; and for No. 53, to Messrs. Hill & Hoggan, 194 Ingram Street, before the first day of September.

Candidates for the Fellowships, etc., Nos. 66 to 72 inclusive, are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 22nd September; for No. 73 on 1st March, 1898; for No. 74, candidates are expected to inscribe their names in a book kept at the Clerk of Senate's office for the purpose, not later than the 1st December, 1897; and for No. 75, candidates are required to send their names to the Assistant Clerk (Matriculation Office), before 1st December, 1897.

B.—FACULTY OF SCIENCE.

Open to Competition during Session 1897-98.

1. *Strang Bursary*, annual value £20, tenable for three years. Open to students of Engineering Science.

2. *Shipwrights' Company's Bursary*, value £25, tenable for one year, for students of Naval Architecture.

3. *Malcolm M'Ewen Bursary*—see No. 6*a* under Faculty of Arts.

4. *Lorimer Bursary in Mathematics*—see No. 58 under Faculty of Arts.

5. *George A. Clark Scholarship in Natural Science*, annual value, £180, tenable for three years. Open to Glasgow Bachelors of Science in Pure Science, or students presenting themselves for the final examination for the Degree of B.Sc. in Pure Science, but no student shall be eligible for the examination after the expiration of more than three winter sessions from the time of his completing the course necessary for the B.Sc. Degree.

6. *Malcolm Kerr Bursary*—see No. 62 under Faculty of Arts.

7 and 8. *Two Metcalfe Bursaries*, each of annual value £25, tenable for two years. Open to students entering the class of Chemistry or of Intermediate Honours Mathematics.

9. *Lloyd's Register Scholarship*, annual value £50, tenable for three years. Open to candidates intending to become students of Naval Architecture, whose age does not exceed 23 years.

10 and 11. *Muir Bursaries in Mathematics*—see Nos. 64 and 65 under Faculty of Arts.

12 and 13. *Two Muir Bursaries in Civil Engineering and Mechanics*, each of annual value £12 10s., tenable for session 1898-99.

14. *George Young Bursary*, annual value £33, tenable for one year, for students in the class of Civil Engineering. To be awarded in April, 1898, to the candidate with the best record in the First Science Examination.

The examinations for Bursaries Nos. 1 to 3 will be held at the same time as the Arts and Science Preliminary Examinations in September and October, 1897; for No. 4, on Thursday, 30th September, at 9 a.m. and 12 noon; for No. 5, on Monday, 4th October, at 10 a.m.; for No. 6, on Saturday, 9th October, at 10 a.m.; for Nos. 7 to 9, on Friday, 8th October, and Saturday, 9th October, at 10 a.m. on each day.

Names of Competitors to be given in to the Assistant Clerk (Matriculation Office), for Nos. 1 to 4 on 9th September, for Nos. 5 to 9 on 22nd September, and for Nos. 12 to 14 on 3rd March, 1898.

For the Alexander Donaldson Scholarship, 1851 Exhibition Science Scholarships, the Dobbie Smith Gold Medal, George Harvey Prize, Kirk Memorial Prize, the G. B. Muirhead Prize, and the Walker Prizes, see pages 294, 298, 314, 316, 317, 318, 320, respectively.

C.—FACULTY OF DIVINITY.

Open to Competition during Session 1897-98.

1. *John Adam Bursary*, annual value £17 each, tenable for four years. Open to students of Theology of the first year.

2. *Black Bursary*, annual value £42, tenable for three years. Open to students of Theology of the first year holding a Degree in Arts of any Scottish

University, or who have passed the examinations in four subjects taken out of at least two departments for graduation in Arts. Candidates must be members of the Church of Scotland.

3. *Brown or Ettles Bursary*, annual value £21, tenable for three years. Open to students of Theology of the first year who have passed all the examinations for graduation in Arts, with a preference, *caeteris paribus*, to such as can speak Gaelic.

4. *Lorimer Bursary*, annual value £25, tenable for three years. Open to students entering the Divinity Hall.

5. *Hastie Bursary*, annual value £25, tenable for three years. Open to competition to Masters of Arts of any Scottish University, or who have passed all the examinations for graduation in Arts, and who are entering upon their first year in Divinity.

6. *Matthew A. Muir Bursary*, annual value £32, tenable for three years. Open to students of Divinity of the first year who hold a Degree in Arts of any Scottish University, or who have passed their examinations in four subjects taken out of at least two departments for graduation in Arts.

7. *James Macfarlane Bursary*, annual value £23, tenable for three years. Open to students entering upon the study of Divinity, who hold a Degree in Arts of any Scottish University, or who have passed their examinations in any four subjects taken out of at least two departments for graduation in Arts.

8. *William Muir Divinity Bursary*, annual value £25, tenable for two years. Open to candidates who have passed the examination of the Synodical Board for entrance to the Divinity Hall of the University. Apply to Mr. W. H. Macdonald, Hutchesons' Buildings, Ingram Street, not later than 21st October.

9. *King William's Bursary*, annual value £20, tenable for three years. Open to all students who are Masters of Arts, or who have passed all the examinations necessary for graduation in Arts, and who are entering on their first year of attendance on a course of study in the University for graduation in Divinity.

10. *Black Theological Fellowship*, annual value £147 or thereby, tenable for one year. Open to Masters of Arts from any of the Universities of Scotland who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March 1898.

11. *The Findlater Scholarship Prize*, value about £38 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March 1898.

12. *The Jamieson Prize*, value about £10 sterling, for examination in the subjects for the Degree of B.D. Open to students who shall complete the ordinary curriculum of Theological study in the University of Glasgow in March 1898.

13. *The Macfarlan and Cook Testimonial Prize*, of £21, open to Theological students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

14 and 15. *Two Dowanhill Prizes*, one of £20, and the other of £10, for Elocution. Open to students of Divinity of the third year.

For the *Armagh* and the *James Ferguson Bursaries*, also tenable by students of Divinity, see Nos. 71 and 61 under Faculty of Arts.

DATES AND SUBJECTS OF EXAMINATIONS.

The examinations for Nos. 1 to 9 inclusive, in the above list, will be held on Tuesday, 26th October, and Wednesday, 27th October, at 10 a.m. each day; and for Nos. 10 to 12 on Tuesday, 26th October, Wednesday, 27th October, Thursday, 24th March, and Friday, 25th March, at 10 a.m. each day.

The following are the subjects of examination for Bursaries Nos. 1 to 9:—

LATIN.—Cicero, *De Officiis*, Books II. and III.; Horace, *Odes*, Book I. Translation from English into Latin.

GREEK.—Plato, *Phaedo*. The Epistle to the Philippians.

LOGIC.—Jevons, *Elementary Lessons in Logic*.

MORAL PHILOSOPHY.—Muirhead, *Elements of Ethics*.

ENGLISH.—Morley, *First Sketch of English Literature*, Chapter XII. (thirteenth edition). A short essay will be prescribed.

MATHEMATICS.—Euclid, Books I., II., III. Algebra, to Quadratic Equations, inclusive.

NATURAL PHILOSOPHY.—Deschanel, *Physics*, Part I.

The subjects of examination for Nos. 11, 12, and 13, are the same as for the Degree of Bachelor of Divinity.

The subjects of examination for the Prize No. 14 for Session 1897-98 are as follows:

GREEK.—Luke viii. 4–xviii. 14. Euripides, *Bacchae*.

DIVINITY.—Doctrine of Christ's Person and Work. Biblical Theology.—Synoptic Gospels and Epistle to the Romans.

HEBREW.—The Book of Deuteronomy and Isaiah i.–xx.

CHURCH HISTORY.—The Councils of Trent, Dort, and Westminster.

MORAL PHILOSOPHY.—Ferrier, *Lectures on Greek Philosophy*.

DATES FOR SENDING IN APPLICATIONS.

Candidates for Nos. 1 to 12 inclusive are required to give in their names to the Assistant Clerk (Matriculation Office), not later than 20th October, 1897; for the Prize No. 13, to the Professor of Divinity, not later than 1st November, 1897; and for the Prizes Nos. 14 and 15, to the Professor of Divinity, not later than 11th March, 1898.

D.—FACULTY OF LAW.

1. *Major Young's Fund Bursary*, annual value £22, tenable for six years. Open to students of the first year in Arts who intend to study for a degree in Law. Names of candidates to be given in not later than 9th September. Competitors are required to attend the Arts Preliminary Examination. For subjects and times, see pp. 325, 326.

2. *Andrew Cunninghame Scholarship*, annual value about £34, tenable for two years, will be awarded in November, 1897, to the most distinguished Bachelor of Laws of the year, special consideration being given to eminence in Scots Law.

For the *William Whyte*, the *Armagh*, and the *James Ferguson Bursaries*, also tenable by students of Law, see Nos. 53, 71, and 61 under Faculty of Arts.

E.—FACULTY OF MEDICINE.

1. *Mackintosh Bursary*, annual value about £31, tenable for one year. Open to medical students of either sex who have attended the Lectures on Insanity.

2. *Glasgow Highland Society Bursary*, annual value £25, tenable for four years, for students of Highland descent. Apply to Mr. R. Hope Robertson, 58 St. Vincent Street, before 1st September.

3. *Logan Bursary*, annual value £16, tenable for four years. Open to students entering on their first winter session of study.

4. *Lorimer Bursary*, annual value £25, tenable for three years. Open to medical students entering on their second session.

5. *Rainy Bursary*, annual value £20, tenable for two years. Open to students entering on their third session of medical study.

6 and 7. *Two James A. Paterson Bursaries*, annual value £30 and £15 respectively, tenable for four years. Open to students entering on their second session of medical study. Examination in Mathematics and Natural Philosophy.

8. *John Monteith Bursary*, annual value about £21, tenable for two years, will be awarded in November to the student who gains the highest number of marks in Anatomy and Physiology in April and October, 1897.

9. *Andrew Weir Bursary*, annual value £16 10s., tenable for one year, will be awarded in November in accordance with results of Second and Third Professional Examinations.

10. *Junior Arnott Prize*, of about £15, for an examination in General Physics, open to students of the first and second years of their medical studies.

11. *Senior Arnott Prize*, of £25, for an examination in Physiological Physics, open to students of the third and fourth years of their medical studies.

12. *Brunton Memorial Prize*, of about £10, is given to the most distinguished graduate in Medicine of the year.

For the *Taylor*, the *William Whyte*, the *Armagh*, and the *James Ferguson Bursary*, also tenable by students of Medicine, see Nos. 7, 53, 71, and 61 under Faculty of Arts.

DATES OF EXAMINATIONS.

The examinations for the Bursary No. 1 in the above list will be held in June; for Nos. 2 and 3, at the same time as the Medical Preliminary; for Nos. 4 and 5, on Monday and Tuesday, 4th and 5th October, at 10 a.m. each day; for Nos. 6 and 7, on Friday and Saturday, 8th and 9th October, at 10 a.m. each day; and for the Prizes for Nos. 10 and 11, on Saturday, 9th October, at 2 p.m.

DATES FOR SENDING IN APPLICATIONS.

Candidates for the Bursary No. 1 are required to give in their names to the Assistant Clerk, Matriculation Office, not later than 1st June; for Bursaries Nos. 2 to 5, not later than 9th September; for Bursaries Nos. 6 and 7, and for Prizes 10 and 11, not later than 22nd September.

5.—*PATRONAGE BURSARIES*, 1897-98.

A.—FACULTY OF ARTS.

Appointments to the following Bursaries in the gift of Patrons, including bodies corporate and not corporate, fall to be made before the opening of session 1897-98. Candidates are required to present themselves for the Arts Preliminary Examinations, and for this purpose their names must be given in to the Assistant Clerk, Matriculation Office, on or before 9th September.

1. ***Adamson Bursary***, see page 231.
2. ***Ardkinglass Bursary***, see page 231.
3 and 4. *Two Dundonald Bursaries*, see page 244.
5. ***Hamilton Bursary***, see page 252.
6. ***Hyndford and Ross Bursary***, see page 256.
7. ***Lamb Bursary***, see page 259.
8. ***Williams Bursary***, see page 286.

B.—FACULTY OF THEOLOGY.

1. ***Boyd and Wilson Bursary***, see page 235.
2 and 3. *Two Dundonald Bursaries*, see page 244.
4. ***Hamilton Bursary***, see page 252.
5. ***Lumsden Bursary***, see page 263.
6. ***Lamb Bursary***, see page 259.

C.—FACULTY OF MEDICINE.

John Gibson Bursary, see page 249.

D.—ANY FACULTY.

Smith (Crutherland) Bursary, see page 281.

6.—*UNIVERSITY PRIZE ESSAYS.*

FOR SESSION 1897-98.

1. In Mental Philosophy, the UNIVERSITY SILVER MEDAL, for the best essay on "The Moral Good and Moral Progress." All students of the classes of Logic, Moral Philosophy, or English Literature, in session 1896-97, or 1897-98, may be competitors.

2. The GARTMORE GOLD MEDAL, for the best essay on "The Advantages and Disadvantages of Hereditary Monarchy." All matriculated students of the University in session 1897-98 may be competitors. The successful candidate will be required to furnish a second copy of the essay.

3. The LIVINGSTONE GOLD MEDAL, for the best essay on "The Missionary Methods of the Apostolic Age." All matriculated students of the University in session 1897-98 may be competitors.

4. A COULTER PRIZE OF FIVE POUNDS, for the best essay on "The Poetry of Matthew Arnold."

5. A COULTER PRIZE OF FIVE POUNDS, for the best Latin essay on the following subject: "Illustrate from Historical or Literary Examples the position of Women in Rome."

For the Coulter Prizes all matriculated students of the University in session 1897-98 may be competitors.

6. The HENDERSON PRIZE OF TWENTY GUINEAS, for the best essay on "Survivals of Judaism in Christian Worship." All matriculated students of the University in session 1897-98, and all Masters of Arts who graduated in November, 1892, or thereafter, may be competitors.

7. The DOBBIE-SMITH GOLD MEDAL, for the best essay on any subject within the limits of the Science of Botany. The treatment of the subject to show original work, and the essay to be accompanied by an illustrative series of Macroscopic and Microscopic Specimens. All matriculated students of session 1896-97 may be competitors, and essays must be given in on or before 30th September, 1897.

The essays, with the exception noted above (No. 7), must be given in to the Principal on or before Friday, 29th October, 1897, after which day none can be received. Each must be distinguished by two mottoes, and accompanied by a sealed letter bearing on the outside the same mottoes, and containing a declaration subscribed by the author that the essay is entirely of his own composition. All quotations in the essays must be carefully marked and accurate references to their respective authorities given in the notes. The Senate reserves the power of withholding the Prize for any subject, if none of the essays on that subject reaches a sufficiently high standard of merit.

EWING GOLD MEDAL IN SESSION 1898-99.

The subject for the essay in the competition for the Ewing Gold Medal, open to matriculated students in session 1898-99, will be "The Benefits arising from the Legislative Union of England and Scotland."

PRIZES OFFERED BY THE FRANCO-SCOTTISH SOCIETY.

I. By the French branch of the Society :—

A. One thousand francs for the best memoir on "The Old Ties of Friendship between France and Scotland."

B. Sixteen volumes of the works of Victor Hugo, on a subject yet to be decided.

Prize *A* will be open to students of both France and Scotland.
Prize *B* will be open to students of the Scottish Universities only.

II. By the Scottish branch of the Society :—

A. £5 for the best essay in French on "The History and Characteristics of the Scottish Universities.

B. Expense (including residence, class fees, etc.) of sending a deserving Scottish student to Paris to attend the short summer course at the Sorbonne or elsewhere. This Prize is intended for students without means of their own for the purpose in view.

Prize *A* is open to students of the Scottish Universities only, and is to be continued for three consecutive years from 1897, the subjects from 1898 and 1899 to be decided upon later.

Prize *B* is to be continuous at the pleasure of the Donor, and is open to Scottish students only. The choosing of the yearly recipient rests with the Scottish Council, in which all the Universities are represented.

Further details regarding these competitions will be afterwards published, when they have been adjusted by the Society.

X.—*HONOURS LIST.*

NAMES OF GRADUATES WITH HONOURS SINCE THE YEAR 1827.

BACHELORS OF ARTS (B.A.).

			Honourable Distinction.	Highest Distinction.
1827	[1] Alfred Day, . . .	England,	. . . . .	Classics. Mental Philosophy.
1831	James Halley, . .	Scotland,	. . . . .	Classics. Mental Philosophy.
1838	William Makellar, .	,,	Classics.	
,,	Francis Tucker, . .	England,	Classics.	
1840	[1] John Daniel Morell, .	,,	Classics. Mental Philosophy.	
1842	[1] Nathaniel Haycroft, .	,,	Classics. Mental Philosophy.	
1843	[1] David M'Lauchlan, .	Scotland,	Classics. Mental Philosophy.	
1852	Samuel Crusha Sarjant,	England,	. . . . .	Classics. Mental Philosophy.
1856	[1] Joseph David Everett, .	,,	Classics. Mental Philosophy.	
,,	David Johnston, . .	,,	Mental Philosophy.	
1857	Wm. Thomson Johnston,	Scotland,	. . . . .	Classics.
,,	Andrew Moody, . .	,,	Mental Philosophy.	
,,	[1] William Ralph Pattison,	,,	Classics. Mental Philosophy.	
1858	John MacLeod, . .	,,	. . . . .	Mental Philosophy.
,,	[2] Peter Sinclair Menzies, .	,,	Classics.	
1859	[1] George Porter, . .	,,	Classics. Mental Philosophy.	
,,	[1] Joseph Gardner, . .	,,	Mental Philosophy.	
1860	[1] Richard Vary Campbell,	,,	. . . . .	Mental Philosophy.
,,	[1] Daniel Munro, . .	,,	Classics.	
1861	[1] John M'Lean, . .	,,	Classics. Mental Philosophy.	
,,	[1] Thomas Carruthers, .	,,	Classics. Mental Philosophy.	
,,	[1] William Stewart, . .	,,	Classics. Mental Philosophy.	
,,	[3] David Thomas, . .	,,	Mental Philosophy.	
,,	[1] George Matheson, . .	,,	Mental Philosophy.	
,,	[1] Henry William Bell, .	India,	Mental Philosophy.	
,,	[1] Thomas Robinson, .	England,	Mental Philosophy.	

[1] Graduated M.A. in the following year.
[2] Graduated M.A. three years later.
[3] Graduated M.A. two years later.

MASTERS OF ARTS (M.A.).

			Honourable Distinction.	Highest Distinction.
1827	George Samuel Evans, .	England,	. . . . .	Classics. Mental Philosophy.
,,	William Cooper, . .	Scotland,	Classics. Mental Philosophy.	
1828	William Acworth, .	England,	. . . . .	Classics. Mental Philosophy.
,,	Samuel Macurdy Greer,	Ireland,	. . . . .	Classics. Mental Philosophy.
,,	James Rankine, . .	Scotland,	Classics. Mental Philosophy.	
,,	William Baird, . .	,,	Classics. Mental Philosophy.	
,,	John Reid, . . .	England,	Physical Science.	
,,	Alexander Ure, . .	Scotland,	Physical Science.	
1831	David L. Arnot, . .	,,	. . . . .	Classics.
,,	John Jenkins, . .	Wales,	Classics.	
,,	Robert Cotton Mather, .	England,	Classics.	
,,	Neil M'Michael, . .	Scotland,	Physical Science.	
1832	Andrew Borland Parker,	,,	. . . . .	Classics.
1836	John Cunningham, .	,,	. . . . .	Physical Science.
,,	William Fulton, . .	,,	Classics. Mental Philosophy.	
1837	Richard Shaen, . .	England,	Physical Science.	
,,	Thomas Elliot Richardson,	,,	Physical Science.	
,,	John Blair, . . .	Ireland,	Physical Science.	
,,	William Cuthell, . .	Scotland,	Physical Science.	
1840	Duncan Harkness Weir,	,,	Physical Science.	
,,	James Thomson, . .	Ireland,	Physical Science.	
,,	John Buchanan, . .	Scotland,	Physical Science.	
1841	William Arthur Jones,	Wales,	Classics. Mental Philosophy.	
1842	Alexander Grierson, .	Scotland,	Physical Science.	
,,	John Davies, . .	England,	Classics. Mental Philosophy.	
1843	John Trafford, . .	,,	Classics. Mental Philosophy.	
,,	David Duff, . . .	Scotland,	Physical Science.	
1844	John Morgan, . .	,,	Physical Science.	
,,	John Thomson, . .	Ireland,	Physical Science.	
,,	William Turnbull Ker, .	Scotland,	Physical Science.	
,,	Richard Tomlinson, .	England,	Classics. Mental Philosophy.	
1846	Robert Graham, . .	Scotland,	Physical Science.	
1847	William John Steele, .	Ireland,	Physical Science.	
,,	James Porter, . .	,,	Physical Science.	
1848	Adam Milroy, . .	Scotland,	Classics. Mental Philosophy.	
,,	Walter David Jeremy, .	England,	Classics. Mental Philosophy.	

			Honourable Distinction.	Highest Distinction.
1849	John Kerr,	Scotland,	. . . . .	Physical Science.
,,	George M'Queen,	,,	. . . . .	Physical Science.
,,	Henry Martyn Barker,	England,	. . . . .	Classics. Mental Philosophy.
,,	John Newton Langley,	,,	. . . . .	Classics. Mental Philosophy.
1850	Alexander Walker,	Scotland,	Classics. Mental Philosophy.	
,,	Horatio Lindsay Taplin,	England,	Classics. Mental Philosophy.	
,,	Robert Masters Theobald,	,,	Classics. Mental Philosophy.	
1851	Carstairs Douglas,	Scotland,	Physical Science.	
,,	Daniel Davies Jeremy,	England,	Classics. Mental Philosophy.	
1852	Thomas Logan,	Scotland,	Physical Science.	
,,	James Wylie Johnston,	,,	Classics. Mental Philosophy.	
1853	Charles Abercromby Smith,	,,	. . . . .	Physical Science.
,,	William Jack,	,,	. . . . .	Physical Science.
,,	Edward John Gibbs,	England,	. . . . .	Classics. Mental Philosophy.
1856	James Galbraith,	Scotland,	Physical Science.	
,,	John Murray,	,,	Physical Science.	
1857	Joseph David Everett,	England,	. . . . .	Physical Science.
,,	George Monro Grant,	Nova Scotia,	. . . . .	Mental Philosophy.
,,	David Herbert,	Scotland,	Mental Philosophy.	
,,	Neil Macpherson,	,,	Classics. Mental Philosophy.	
1858	John Weir,	,,	Mental Philosophy.	
1859	Robert Whyte,	,,	Mental Philosophy.	
1860	Walter Roberts,	,,	Mental Philosophy.	

MASTERS OF ARTS (M.A).

Ordinances No. 14, Sections vi., vii., viii. ; No. 18, Section iii. (1858).

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1862	John Ferguson,	Scotland,	...	...	...	I
1866	John Mann,	,,	I	..	...	...
,,	John Fergusson,	,,	...	II	...	...
1867	William E. Grigsby,	England,	II	...	...	...
,,	James Smith,	Scotland,	...	...	I	...
,,	William Ross,	,,	...	...	II	...
1868	Robert Stewart,	,,	...	I	..	...
,,	John Wilson,	,,	...	I	...	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1869	Favour James Greg,	Scotland,	...	I	...	...
,,	Adam Semple,.	,,	...	I	...	...
,,	Joseph Loudon,	,,	..	...	II	...
,,	James M'Intosh,	,,	...	I	...	...
1870	John Cross,	U.S.A.,	I	I	...	...
,,	Matthew M. Dickie,	England,	II	I	...	...
,,	James Orr,	Scotland,	...	I	...	...
,,	Robert A. Sinclair,	,,	...	II	...	...
,,	James D. H. Dickson,	,,	..	...	II	...
,,	Dugald M'Kichan,	,,	..	...	II	...
1871	William S. Fleck,	,,	...	I	...	...
,,	William Oliver,	Wales,	...	II	...	...
,,	John E. H. Thomson,	Scotland,	...	II	...	...
,,	Colin R. M'Clymont,	,,	...	I	...	...
,,	Charles S. Dickson,.	,,	...	II	II	...
1872	William Hamilton,	,,	...	I	...	...
,,	John Watson,.	,,	...	I	...	...
,,	Zachary M. H. Ross,	,,	...	II	...	...
,,	Archibald Russell,	,,	...	II	...	..
,,	William G. Miller,	,,	...	...	II	...
,,	John M. Brown,	,,	...	I	...	...
,,	Alexander S. Macphee,	,,	...	I	...	...
,,	James C. MacTaggart,	,,	...	...	I	...
,,	James Henderson,	,,	...	...	II	...
1873	William Bathgate,	,,	I	...	...	...
,,	John M'Cunn,.	,,	...	I	...	...
,,	T. Lindsay Galloway,	,,	...	...	I	...
,,	David Hunter,	,,	II	I	...	...
,,	Robert Harvey,	,,	I	...	...	...
,,	Thomas H. Miller,	,,	.	...	I	...
,,	Buchanan Blake,	,,	..	II	...	...
,,	James Arthur,	,,	...	...	II	...
1874	James Bonar,	,,	I	I	...	...
,,	James G. Frazer,	,,	I	...	...	...
,,	Alexander F. Fraser,	,,	..	I	..	...
,,	John Wilson Reid,	,,	I	...	II	...
,,	Colin Campbell,	,,	II	I	...	...
,,	James Thomson,	,,	...	I	...	...
,,	Hugh Hart Currie,	,,	II	..	...	...
,,	James MacKay,	,,	..	II	...	...
1875	Benjamin F. C. Costelloe,	Ireland,	II	I	...	...
,,	William Yuill King,	Scotland,	I	...	...	...
,,	William Patrick,	,,	...	I	...	...
,,	John Patrick,	,,	II	..	..	...
,,	James S. Russell,	,,	..	..	I	...
,,	John C. Watt,	,,	...	...	I	...
,,	John B. Douglas,	England,	II	..	...	...
,,	Neil D. MacLachlan,	Scotland,	..	II	..	...
,,	James Johnston Dobbie,	,,	.	..	...	I
1876	James Lambie,	,,	..	I	...	...
,,	Ebenezer B. Speirs,.	,,	...	I	..	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1876	Islay F. Burns,	Scotland,	II	...	...	...
,,	Robert MacLehose,	,,	...	II	...	...
,,	Joseph Conn,	,,	...	...	II	...
,,	Robert H. Pinkerton,	,,	...	...	II	...
,,	David Wilson,	,,	...	...	II	...
,,	John P. Mitchell,	,,	...	I	...	...
,,	William M. Rankin,	,,	...	I	...	...
,,	Andrew Gray,	,,	...	...	II	...
1877	Wallace M. Lindsay,	,,	I	II	...	...
,,	Alexander S. Wilson,	,,	...	...	...	I
,,	James Kidd,	,,	...	I	...	...
,,	Thomas B. Kilpatrick,	,,	...	I	...	...
,,	Mungo W. M'Callum,	,,	...	II	...	...
,,	William Allan,	,,	...	...	II	...
,,	James Arthur,	,,	...	...	II	...
1878	Robert Mackintosh,	,,	II	I	...	...
,,	John Edgar,	,,	I	...	...	...
,,	John M. Dodds,	,,	...	...	I	...
,,	David W. Forrest,	,,	...	II	...	...
,,	Alexander Isdale,	,,	...	I	...	...
,,	Lewis A. Muirhead,	,,	...	I	...	...
,,	James Wilson,	,,	II	...	II	...
1879	John Wilson Marshall,	,,	I	II	...	...
,,	Francis Wm. Clark,	,,	II	II	...	...
,,	Henry Jones,	Wales,	...	I	...	...
,,	William T. Bankhead,	Scotland,	...	II	...	...
,,	Andrew Rutherfurd,	,,	...	II	...	...
,,	James Thomson,	Ireland,	...	...	II	...
,,	James Denney,	Scotland,	I	I	...	...
,,	James Kippen Duff,	,,	I	...	...	...
,,	Robert Tannahill Younger,	,,	...	II	...	...
,,	William L. Macindoe,	,,	...	...	II	...
1880	Alexander Gregory,	,,	II	...	...	...
,,	Thomas Gregory,	,,	I	I	I	...
,,	Alexander N. Cumming,	,,	II	II	...	...
,,	Hugh Young Reyburn,	,,	II	II	...	...
,,	John G. A. Dow,	,,	II	...	...	...
,,	John Henderson,	,,	...	II	...	...
1881	Cecil J. Swan,	,,	II	...	...	...
,,	Francis H. Stead,	England,	II	I	...	...
,,	David S. Adam,	Scotland,	...	I	...	...
,,	William Granger,	,,	...	I	...	...
,,	Robert F. Muirhead, B.Sc.,	,,	...	...	I	...
,,	Alexander Russell,	,,	...	...	I	...
,,	Patrick H. Aitken,	,,	II	...	...	...
,,	Alexander Anderson,	,,	II	...	...	...
,,	Robert T. Loudon,	,,	...	II	...	...
,,	Robert Veitch,	England,	...	II	...	...
,,	James Maclay,	Scotland,	...	...	II	...
,,	John Stuart,	,,	...	...	II	...
,,	James Hamilton,	,,	...	...	II	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1882	James A. M'Callum,	Scotland,	...	I	...	...
,,	John H. Fullarton,	,,	...	...	...	I
,,	Charles P. Blair,	,,	...	II	...	...
,,	James M. Dodds,	,,	I	...	...	...
,,	John S. MacKenzie,	,,	...	I	...	...
,,	William Smart,	,,	...	I	...	...
,,	John Weir,	,,	...	...	I	...
,,	John Gray,	,,	...	II	...	...
,,	Charles Steele,	,,	...	II	...	...
1883	John Aitken Orr,	,,	...	I	...	...
,,	Alexander Robinson,	,,	...	II	...	...
,,	Lewis Hughes,	Wales,	...	II	...	...
,,	Francis Anderson,	Scotland,	...	I	...	...
,,	Wm. S. M'Kechnie,	,,	...	I	...	...
,,	William Muir,	,,	...	I	...	...
,,	James W. Inglis,	,,	II	...	...	...
,,	Patrick H. Hutchinson,	Ireland,	II	...	...	...
,,	Robert A. Moody,	Scotland,	II	...	...	...
,,	William T. Mitchell,	,,	...	...	II	...
1884	Andrew A. Mitchell,	,,	I	...	...	...
,,	James M'Millan,	,,	I	...	...	...
,,	Archd. S. Laidlaw,	,,	...	I	...	...
,,	John Mack,	,,	...	...	I	...
,,	William Clark,	,,	II	...	...	...
,,	John Struthers,	,,	II	I	...	...
,,	Archibald M'Laren,	,,	I	...	...	...
,,	John Adams,	,,	...	I	...	...
,,	James Barr,	,,	...	I	...	...
,,	Gavin Lambie,	,,	...	I	...	...
,,	Robert M. Wenley,	,,	...	I	...	...
,,	George G. Henderson,	,,	...	...	...	I
,,	Campbell N. Moody,	,,	II	II	...	...
,,	Hugh Stevenson,	,,	...	II	...	...
,,	James Strachan,	,,	...	...	II	...
,,	Alex. B. Symington,	,,	II	...	...	...
1885	John Lee,	,,	I	...	...	...
,,	James Buchanan,	,,	...	...	I	...
,,	Norman Fraser,	,,	...	...	I	...
,,	James P. M'Laren,	,,	II	...	...	...
,,	William Binnie,	,,	...	II	...	...
,,	David Frew,	,,	...	II	...	...
,,	Richard Glaister,	,,	...	II	...	...
,,	David Houston,	,,	...	II	...	...
,,	Walter Wingate,	,,	...	...	II	...
,,	William M. Mackay,	,,	...	I	...	...
,,	Andrew F. Smith,	,,	...	I	...	...
,,	Alex. L. Watson,	,,	II	...	...	...
,,	Archibald J. Macnicol,	,,	...	...	II	...
1886	Charles F. Fleming,	England,	...	I	...	...
,,	Wellstood A. Watt,	Scotland,	...	I	...	...
,,	John Dougall,	,,	...	...	I	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1886	John M'Cowan, B.Sc.,	Scotland,	...	...	I	...
,,	William H. Carslaw,	,,	...	...	II	...
,,	Magnus M'Lean,	,,	...	...	II	...
,,	John A. Cramb,	,,	I	...	...	...
,,	Robert A. Duff,	,,	...	I	...	...
,,	William Johnston,	,,	...	II	...	...
,,	James Macmillan,	,,	...	...	II	...
,,	Robert A. Nicolson,	,,	...	...	II	...
1887	James Finlayson,	,,	...	...	II	...
,,	James Gifford,	,,	...	II	...	...
,,	Charles Mackay Gordon,	W. Indies,	...	I	...	...
,,	David Smith,	Scotland,	I	...	...	...
,,	John Watson Bryson,	,,	...	I	...	...
,,	Robert Gardner,	,,	...	II	...	...
,,	James Gilfillan,	,,	...	I	...	...
,,	Daniel Kirkwood,	,,	...	II	...	...
,,	Alexander Lucas Taylor,	,,	II	...	...	...
,,	John Thomson,	,,	...	...	II	...
1888	John Esslemont Adams,	,,	II	...	...	...
,,	Archibald Lamont,	,,	...	II	...	...
,,	Arthur David Millar,	,,	I	...	...	...
,,	John Dickson Sinclair,	,,	...	II	...	...
,,	Evan Keri Evans,	Wales,	...	I	...	...
,,	Robert Kennedy, B.Sc.,	Scotland,	...	...	...	I
,,	John Liddle King,	,,	...	II	...	...
,,	Malcolm Macnicol,	,,	...	...	II	...
,,	Ernest Findlay Scott,	England,	I	I	...	...
,,	Robert Scrymgeour,	Scotland,	...	I	...	...
,,	Robert Reid Strachan,	,,	...	II	...	...
,,	John Cunningham Walker,	,,	...	II	...	...
1889	Norman de Garis Davies,	England,	...	II	...	...
,,	George Davidson Kempt,	Scotland,	...	II	...	...
,,	Alfred Ernest Garvie,	Poland,	...	I	...	...
,,	John Hunter Harley,	Scotland,	...	I	...	...
,,	John Brownlee,	,,	...	...	I	...
1890	James Fairlie Gemmill,	,,	I	...	...	...
,,	John Edgar M'Fadyen,	,,	I	...	...	...
,,	James Robertson Cameron,	,,	...	I	...	...
,,	James Moffatt,	,,	II	...	...	...
,,	James Peter Wilson,	,,	II	...	...	...
,,	John Easton Black,	,,	...	II	...	...
,,	George Douglas Brown,	,,	I	...	...	...
,,	Robert Bulloch Douglas,	,,	...	I	...	...
,,	Peter Pinkerton,	,,	...	...	I	...
,,	Douglas Blyth Binning,	,,	...	II	...	...
,,	Robert Baillie Douglas,	,,	...	II	...	...
,,	James Hair Maclean,	,,	...	II	...	...
,,	Gilbert Buchanan,	,,	...	...	II	...
,,	Alexander Holm,	,,	...	...	II	...
1891	John Hamilton Pagan,	,,	I	...	...	...
,,	John Gillies,	,,	II	...	...	...

			Class of Honours and Department.			
			Classics.	Mental Philos.	Math. & Nat. Phil.	Natural Science.
1891	John M'Gilchrist, . . .	Scotland,	II	...	...	...
,,	Horatio Scott Carslaw, . .	,,	...	...	I	...
,,	James Holm, ...	,,	...	...	I	...
,,	Nicol Macnicol, ...	,,	II	II	...	...
,,	John White, ...	,,	...	II	...	...
1892	David Donaldson Robertson, .	,,	...	I	...	...
,,	Daniel Lamont, ...	,,	...	II	I	...
,,	John Gillespie Spens, . . .	,,	II	...	...	...
,,	Alexander Taylor, ...	,,	II	...	...	...
,,	Walter Stewart, ...	,,	...	...	I	...
1893	Donald Nicol Dow, ...	,,	I	...	...	...
,,	Gilchrist Gibb Alexander, .	,,	...	I	...	...
,,	Robert Stevenson Horne, .	,,	...	I	...	...
,,	William Sandilands Templeton,	,,	...	...	I	...
,,	Wm. Carrick Anderson, . .	,,	...	...	...	I
,,	Edward H. Wallace, . . .	,,	II	...	II	...
1894	Campbell M. Macleroy, . .	,,	I	...	...	...
,,	Robert George Nisbet, . .	,,	II	...	...	...
,,	Andrew Robertson, ...	,,	II	...	...	...
,,	John Charles Scott, . .	Ireland,	I	...	...	...
,,	Charles William Thomson, .	Scotland,	I	...	...	...
,,	William Romaine Paterson, .	,,	...	I	...	...
,,	Charles Shirra Dougall, . .	,,	...	...	I	...
,,	William Craig Henderson, .	,,	...	...	I	...
,,	John Macfarlane Forsyth, .	,,	II	...	...	...
1895	William Gow, ...	,,	I	...	...	...
,,	Joseph Ferguson M'Fadyen, .	,,	I	...	...	...
,,	Gavin Lang Pagan, . . .	,,	...	I	...	...
,,	William Anderson Lindsay, .	,,	...	...	I	...
,,	Thomas Nisbet, ...	,,	...	...	I	...
,,	John Alexander Duke, . .	,,	...	II	...	...
1896	David Hodge Crawford, . .	,,	I	...	...	...
,,	John Freeland Cunningham, .	,,	II	...	...	...
,,	John Girvan, ...	,,	II	...	...	...
,,	James M'Murtrie, ...	,,	II	...	...	...
,,	James Slater Dunlop, . .	,,	...	...	II	...
,,	James Gillespie, ...	,,	II	...	...	...
,,	William Morrison, ...	,,	...	II	...	...
,,	Samuel Harvey M'Ewing, .	,,	...	II	...	...
,,	Alexander Smith, ...	,,	...	II	...	...
,,	John Miller, ...	,,	...		I	...

MASTERS OF ARTS (M.A.).

Ordinances No. 11, Sections xi.-xv.; No. 44, Sections vi., viii. (1889).

			First Class.	Second Class.	Third Class.
1894	Henry Noel Brailsford,	England,	Mental Philosophy.	Classics.	
1895	William Gregory Bell,	do.,	Classics.		
,,	James Wallace Peck,	Scotland,	Math. & Nat. Phil.		
,,	William King Gillies,	do.,	Classics. Mental Philosophy.		
1896	James Paterson Brander,	do.,	Classics.		
,,	John Maclean Ramsay,	do.,	Classics.		
,,	Horace Fenton Wallace,	do.,	Classics.		
,,	William Boyd, . .	do.,	Mental Philosophy.		
,,	James Wilson Copeland,	do.,	Math. & Nat. Phil.		
,,	Adam Bell Stewart, .	do.,	Math. & Nat. Phil.		
,,	George Donald Valentine,	do.,	Math. & Nat. Phil.		
,,	Arthur West Wilkie,.	England,	. . . . .	Math. & N.P.	
,,	John Young, . .	Scotland,	. . . . .	Math. & N.P.	
1897	George Stewart Adams,	do.,	Classics.		
,,	Robert Daniels Bell, .	England,	Classics.		
,,	John W. Henderson,	Scotland,	Classics.		
,,	Peter William Monie,	do.,	Classics.		
,,	Marion M. Crichton, .	China,	. . . .	Classics.	
,,	Alex. James Martin, .	Scotland,	. . . .	Classics.	
,,	Thomas Neilson, .	do.,	. . . . .	Classics.	
,,	Allan Gibson, . .	do.,	. . . . .	. .	Classics.
,,	Thomas Ellis Jones, .	Wales,	Mental Philosophy.		
,,	David Stevenson, .	Scotland,	. . . .	. .	English.

BACHELORS OF SCIENCE (B.Sc.).

			Honours.	
			Natural Science.	Engineering Science.
1879	Robert F. Muirhead, C.E.,	Scotland,	. . . .	Math. & Nat. Phil. II
1882	John Cleland, C.E., .	do.,	. . . .	Math. & Nat. Phil. II
1883	John M'Cowan, C.E., .	do.,	. . . .	Math. & Nat. Phil. II
1884	William Weir, . .	do.,	. . . . .	Math. & Nat. Phil. II
,,	James C. Todd, . .	India,	Math. & Nat. Phil. II	
1886	Laurence Crawford, .	Scotland,	. . . .	Math. & Nat. Phil. I
1887	Angus M'Lean, . .	do.,	. . . .	Math. & Nat. Phil. II
1890	James Stanley Muir, .	do.,	Chemistry.	
,,	Robert Watson Smith, .	do.,	Chemistry.	
1891	James Fenwick, . .	Australia,	. . . .	Civil Engineering.
,,	Robert Main, . . .	Scotland,	Chemistry.	
,,	Robert Muir Ferrier, .	do.,	. . . . .	Civil Engineering.
1892	John Dewar Cormack, .	do.,	. . . .	Math. & Nat. Phil. I Civil Engineering.

		Honours.	
		Natural Science.	Engineering Science.
1892	Jas. Blacklock Henderson, Scotland,	. . . .	Math. & Nat. Phil. I Civil Engineering.
,,	James Rankin, . . . do.,	Zoology and Botany.	
,,	William S. Cook, . . do.,	Physiology. .	
,,	David R. Boyd, . . do.,	Chemistry. . .	
1893	James C. Robertson, M.A., do.,	Anat. and Physiol.	
1894	Charles Forbes, . . do.,	. . . . .	Civil Engineering.
,,	Wm. Henry Lang, . . England,	Botany and Zoology.	
,,	George Wm. Shearer, . Ireland,	. . . . .	Civil Engineering.
1895	Wm. Craig Henderson, . Scotland,	. . . . .	Math. & Nat. Phil. I
,,	Hugh Calderwood, do.,	Anat. and Physiol.	
,,	John Allan Craigie Macewen, do.,	Anat. and Physiol.	
,,	William Hamilton, . do.,	. . . . .	Civil Engineering.
,,	Campbell Macmillan, . do.,	. . . . .	Civil Engineering.
,,	Thomas Hunter, M.A., . do.,	Anat. and Physiol.	
,,	William Martin, M.A., . do.,	Anat. and Physiol.	
1896	W. Sand. Templeton, M.A., do.,	. . . . .	Math. &. Nat. Phil I
	P. Lat. Leitch Craig, M.A., do.,	Anat. and Physiol.	

DOCTORS OF MEDICINE (M.D.). (*O.R.*) HONOURS.

1845	Alexander Lindsay,	Scotland.
,,	James Craigie Murray,	do.
,,	Francis Reynolds,	Ireland.
,,	John Brown,	Scotland.
,,	John Gardiner,	do.
,,	Donald Cameron,	Isle of Man.
,,	Adam Nicholson,	Scotland.
,,	John Duke,	Ireland.
1847	William Parry,	Wales.
,,	Robert Livingstone,	Scotland.
,,	Alexander B. Sharpe	Scotland.
1848	Charles H. Hitchen,	England.
,,	James Steven,	Scotland.
,,	John Coates,	Ireland.
1849	Robt. Brown M'Clelland,	Ireland.
,,	Thomas Nicholson,	Scotland.
,,	Robert Settle,	England.
,,	Richard Thomas Tracy,	Ireland.
,,	Matthew John Rae,	Scotland.
1850	John Ternan,	Ireland.
,,	John Henry Eddowes,	England.
,,	James Brash,	Scotland.
1851	Alexander Marshall,	Scotland.
,,	Andrew Spearing,	Ireland.
,,	James B. Montgomery,	England.
,,	Robert Perry,	Scotland.
,,	John Watson, B.A.,	do.
1853	John Ritchie Brown,	do.
,,	Charles D. Campbell,	Ireland.
1853	Richard Stanistreet,	Ireland.
,,	David Knox,	do.
1854	John Lindsay Stewart,	Scotland.
,,	James Fraser Paton,	do.
,,	David Easton,	Ireland.
1855	William Leishman,	Scotland.
,,	William J. Lewis,	New Brunswick.
,,	Alexander Robertson,	Scotland.
1857	Thomas Beaumont,	Ireland.
,,	Joseph M. Fleming,	Scotland.
,,	Maxwell Rodgers,	Ireland.
1858	John Couper,	Scotland.
,,	Thomas M'Call Anderson,	do.
1859	Daniel Dougal,	do.
1861	William Marshall,	America.
,,	John M. Murray,	Scotland.
1862	James A. Allan,	do.
1863	Robert M'K. Duncan,	do.
,,	George M'Donald,	do.
,,	Samuel J. Moore,	Ireland.
,,	William Fraser,	Nova Scotia.
,,	T. Algernon Chapman,	Scotland.
,,	Algernon Wood Smith,	do.
,,	John P. Atkinson,	England.
1864	John Wyber,	Scotland.
,,	J. G. Wilson, M.A.,	do.
1865	Arthur A. Jamieson,	England.
1867	Fred. H. Quaife, M.A.	Sydney, N.S.W.

DOCTORS OF MEDICINE (M.D.). (*N.R.*)

1876 [1] Gardner, William, M.B., England.

1877 [1] Turner, William Y., M.B., Scotland. Thesis, "The Ethnology of the Motu."

1879 [1] Fleming, William James, M.B., Scotland. Thesis, "The Dicrotic Notch in Pulse Tracings."

1880 [1] Oliver, Thomas, M.B., Scotland. Thesis, "Heredity viewed in its relation to Responsibility."

1880 [1] Bryce, James, M.B., Scotland. Thesis, "That Mankind originated as a Common Family—most probably on a Continent in the Indian Ocean—certainly within the Tropics."

1881 [1] Adams, James Alexander, M.B., Scotland. Thesis, "Anatomical Relation between Abscess of Brain and Aural Disease."

1881 [1] Stewart, Alexander, M.B., Scotland. Thesis, "History of a Personal Attack of Typhoid Fever."

1881 [1] Drummond, James, M.B., Scotland. Thesis, "Sea Sickness: its Etiology, Symptoms, and Treatment."

1881 [1] Macphail, Donald, M.B., Scotland. Thesis, "Chemical Investigations on the Degenerative Changes in Diseased Bone."

1882 [1] Cairns, David, M.B. Thesis, "An Outbreak of Pyæmia."

1882 [1] Adam, Thomas Bate, M.B., Scotland. Thesis, "The Pathology and Etiology of Elephantoid Disease."

1882 [1] Rankin, Guthrie, M.B., Scotland. Thesis, "Puerperal Fever."

1883 [1] Inglis, David Wood, M.A., M.B., Scotland. Thesis, "On the Prevention of Lead Poisoning among Workers in White Lead Factories."

1883 [1] Newman, David, M.B., Scotland. Thesis, "Displacements of the Kidney."

1884 [1] Lawrie, J. Macpherson, M.B., Scotland. Thesis, "On some Symptoms of Locomotor Ataxy."

1884 [1] Allan, Robert, M.B., Scotland. Thesis, "Dermoid Cysts."

1884 [2] Middleton, George S., M.A., M.B., Scotland. Thesis, "On the Pathology of Pseudo-Hypertrophic Muscular Paralysis." Highly Commended.

1884 [2] Steven, John Lindsay, M.B., Scotland. Thesis, "The Pathology of Suppurative Inflammations of the Kidneys." Highly Commended.

1885 [2] Mackay, John Yule, M.B., Scotland. Thesis, "The Origin and Development of the Larger Arteries." Highly Commended.

1885 [1] Macvie, William, M.B., Scotland. Thesis, "Atrophic Infantile Paralysis."

1885 [1] Dougal, James, M.B., Scotland. Thesis, "Puerperal Pyrexia."

1886 [1] Lawrie, William John, M.B., Scotland. Thesis, "Pathological Formations of the Skin."

1886 [2] Somerville, William Francis, M.A., B.Sc., M.B., Scotland. Thesis, "Urosemiotic; the Pathological Chemistry of the Urine, the complete Quantitative Analysis of the Urine; a valuable aid to Clinical Diagnosis." Highly Commended.

1886 [2] Stewart, Robert Sloss, M.B., Scotland. Thesis, "Observations on the Spinal Cord in the Insane." Highly Commended.

1886 [1] Rankin, Alexander, M.B., Scotland. Thesis, "Cerebral Cases, with remarks."

1886 [1] Auld, Alexander Gunn, M.B., Scotland. Thesis, "Studies in Materia Medica."

1887 [1] Chalmers, Archibald Kerr, M.B., Scotland. Thesis, "The Temperature Curve of Specific Fevers."

1887 [1] Neilson, Henry John, M.B., Scotland. Thesis, "On the observation of the pupil as a guide in the administration of Chloroform."

1887 [1] Brown, John, M.B., Scotland. Thesis, "Maternal Impressions."

1887 [1] Love, John, M.B., Scotland. Thesis, "Three cases of Cortical Epilepsy considered in relation to the localization of the discharging lesion."

1888 [1] Finlay, David, M.B., Scotland. Thesis, "Clinical Observations on Epileptic Insanity."

---

[1] Commended for Thesis. [2] Highly Commended

1888 [1] Love, James Kerr, M.B., Scotland. Thesis, "The Limits of Hearing."

1888 [1] Macpherson, Charles, M.B., Scotland. Thesis, "Plural Pregnancies."

1888 [1] Wallace, William, M.B., Scotland. Thesis, "The Field of Vision: with special reference to its Anomalies in Diseases of the Nervous System."

1889 [1] Christie, William Walls, M.B., C.M., Scotland. Thesis, "The Outbreak of Febrile Disease in St. Mary's Roman Catholic Industrial Schools, Glasgow, March 1888: its Clinical Features and Nature."

1889 [1] Kelly, James Kellock, M.B., Scotland. Thesis, "Private Obstetric Practice: an analysis of 3000 consecutive cases."

1889 [1] Mackenzie, William James, M.B., India. Thesis, "The effects of the conditions of London Life on the Nervous System: with remarks on the treatment."

1889 [1] Hinshelwood, James, M.A., M.B., Scotland. Thesis, "A Clinical Study of Syphilitic Diseases of the Nervous System."

1890 [1] Anderson, John Alexander, M.B., Scotland. Thesis, "On Tetanus: with a record of six cases."

1890 [1] Bankier, Alexander Milne, M.B., England. Thesis, "Influenza."

1891 [1] Smith, John Macdowal, M.B., Scotland. Thesis, "The Disposal of Sewage and City Refuse."

1891 [2] Rhodes, Hugh, M.B., C.M., England. Thesis, "Koch's Treatment in Phthisis and Lupus." With Honours.

1891 [1] Bannatyne, Gilbert Alexander, M.B., C.M., Scotland. Thesis, "The Treatment of Diphtheria by the Injection of the Erysipelas Albumose."

1891 [1] M'Gregor, Andrew Nicholson, M.B., C.M., Scotland. Thesis, "Some Notes on the Repair of Bone, with special reference to Transplantation and other Artificial Aids."

1891 [1] Ramsay, Andrew Maitland, M.B., C.M., Scotland. Thesis, "Exophthalmic Goitre."

1891 [1] Johnstone, John Carlyle, M.B., C.M., Scotland. Thesis, "Some Notes on the use of Sulphonal."

1892 [1] Highet, Hugh, M.B., C.M., Scotland. Thesis, "The Bronchiopneumonia of Influenza, as it occurs in the Adult Subject."

1892 [1] Park, Alexander Glen, M.B., C.M., Scotland. Thesis, "Defects of Speech."

1893 [1] Lang, Hugh, M.B., C.M., Scotland. Thesis, "Empyema, with Notes on a Series of Cases."

1893 [1] Gillies, Hugh Cameron, M.B., C.M., Scotland. Thesis, "The Theory of Counter-irritation."

1893 [2] Carslaw, John Howie, M.A., M.B., C.M., Scotland. Thesis, "On the severer forms of Scarlet Fever, with special reference to Antipyretic Methods of Treatment." With Honours.

1893 [1] Adam, Robert Hillhouse, M.A., M.B., C.M., Scotland. Thesis, "Observations on some Enteric Fever Epidemics."

1893 [1] Bryce, Alexander, M.B., C.M., Scotland. Thesis, "Sanitation in Dairy Farms in relation to diseases attributable to Cows' Milk."

1893 [1] Dunlop, Alexander Watson, M.A., M.B., C.M., Scotland. Thesis, "A recent Epidemic of Smallpox, with some remarks on Re-Vaccination."

1893 [1] Gemmell, William, M.B., C.M., Scotland. Thesis, "On the Treatment of Phthisis by a long Sea Voyage in a sailing ship."

1893 [1] Watson, William, M.B., C.M., Scotland. Thesis, "The Prevention and Treatment of Diphtheria."

1894 [1] Johnston, John M'Cubbin, M.A., M.B., C.M., Scotland. Thesis, "The Prognosis of Acute Lobar Pneumonia in the Pauper Class."

1894 [2] Jack, William Robert, B.Sc., M.B., C.M., Scotland. Thesis, "Observations on the Analysis of Voluntary Muscular Movements by certain new Instruments." With Honours.

1895 [1] Abercrombie, Peter Henderson, M.B., C.M., Scotland. Thesis, "Turbinotomy in Nasal Stenosis: Analysis and Notes of 66 cases."

[1] Commended for Thesis. [2] With Honours

1895 [3] Monro, Thomas Kirkpatrick, M.A., M.B., C.M., Scotland. Thesis, "Essays in Neurology ; Historical and Clinical." With Honours.
1895 [1] Banks, Charles, M.B., C.M., Scotland. Thesis, "Observations on Epidemics of Cholera in India, with special reference to their immediate connection with pilgrimages."
1895 [1] Bell, Andrew Lees, M.B., C.M., Scotland. Thesis, "The Influence of a previous sire, and its relation to maternal impressions."
1895 [1] Campbell, Finlay Stewart, M.B., C.M., Scotland. Thesis, "Paroxysmal Haemoglobinuria : its treatment with special reference to the arrest of the Paroxysm by Quinine."
1895 [1] Charles, John, M.B., C.M., Scotland. Thesis, "A contribution to the Meteorology of Sporadic Pneumonia."
1895 [1] Macgregor, John, M.B., C.M., Scotland. Thesis, "On Paralysis following Diphtheria in Children."
1895 [1] Edington, George Henry, M.B., C.M., Scotland. Thesis, "Bile Salts (Glycocholate and Taurocholate Soda) in relation to excretion of Urea, etc."
1895 [1] Hughes, Arthur Davies, M.B., C.M., Wales. Thesis, "Anchylostomiasis."
1895 [1] Marr, Hamilton Clelland, M.B., C.M., Scotland. Thesis, "On Myxoedema and the Functions of the Thyroid Gland : with notes on the treatment of certain cases of Insanity by Thyroid preparations."
1896 [1] Marshall, Robert James, M.B., C.M., Scotland. Thesis, "The mild Malaria Fevers and their Microbe."
1896 [1] Dittmar, Frederick, M.A., M.B., C.M., Scotland. Thesis, "Scarlatinal Albuminuria."
1896 [1] Gray, Albert Alexander, M.B., C.M., Scotland. Thesis, "An Investigation into some of the Principles of Auscultation."
1896 [1] Nisbet, Adam Thomson, M.B., C.M., Scotland. Thesis, "Observations on some cases of Liver Abscess."
1896 [1] Todd, James, M.B., C.M., Scotland. Thesis, "Puerperal Scarlatina."
1896 [3] Kennedy, Robert, M.A., B.Sc., M.B., C.M., Scotland. Thesis, "Studies on the Regeneration of Nerves."
1896 [1] Kirkland, Thomas Speirs, M.B., C.M., Scotland. Thesis, "Quinine Amaurosis."
1897 [1] Don, William Walton, M.B., C.M., England. Thesis, "Thyroid Therapeutics."
1897 [1] Hunter, Walter King, B.Sc., M.B., C.M., Scotland. Thesis, "A contribution to the Etiology of Beri-Beri."

BACHELORS OF MEDICINE (M.B.). HONOURS.

1866	Robert W. Forrest,	Scotland.
,,	Henry T. Pringle,	,,
1867	Ebenezer Duncan,	,,
,,	Joseph Coats,	,,
,,	James Finlayson,	,,
1868	Thomas Barr,	,,
,,	William MacLachlan,	,,
,,	Angus Macmillan,	,,
1869	James Coats,	,,
1871	David Wilkie,	,,
,,	John Aikman,	,,
1872	John D. Macdonald,	,,
1872	Samson Gemmell,	Scotland.
1876	Geo. S. Middleton, M.A.,	,,
,,	Richard B. Macpherson,	,,
1877	Johan B. Knobel,	Africa.
,,	Donald Macphail,	Scotland.
,,	John Carlyle Johnstone,	,,
,,	Edward D. M. Mackellar,	,,
1878	Alexander Fraser,	,,
,,	James Morton,	,,
,,	William Partington,	,,
,,	Lawrence A. Waddell,	,,
1879	William K. Peden,	,,

---

[1] Commended for Thesis. [3] With Honours.

1879	Ralph D. Stevenson,	Australia.
1880	Andw. A. Hogarth, M.A.,	Scotland.
,,	J. M'Gregor-Robertson, M.A.,	,,
,,	John Lindsay Steven,	,,
1881	John More Young, M.A.,	,,
1882	Robert Beith,	,,
1883	John Innes Dunlop,	,,
1884	Charles O. Hawthorne,	England.
1886	Alexander Bryce,	Scotland.
,,	Wm. Snodgrass, M.A.,	U.S.A.
,,	John H. Carslaw, M.A.,	Scotland.
1887	William MacLennan,	,,
1891	Hugh Galt,	,,
,,	Robert Currie Robertson, M.A.,	,,
1892	John Morton.	Scotland.
,,	James Carslaw, M.A.,	,,
1894	Alexander MacLennan,	,,
,,	Wm. Stewart Cook, B.Sc.,	,,
,,	Jas. C. Robertson, M.A., B.Sc.,	,,
,,	Jas. Murray Young,	,,
,,	John Francis Robt. Gairdner	,,
,,	John Wainman Findlay,	,,
1895	Joshua Ferguson, M.A.,	,,
,,	Henry Alex. Pattullo,	,,
,,	Ernest Alex. Walker, M.A.,	,,
1896	John Knight,	,,
,,	Madge Speirs Maclean,	,,

BRUNTON MEMORIAL PRIZE OF £10,

Awarded to the most distinguished Graduate in Medicine of the year.

1880. John Lindsay Steven, M.B., C.M.
1881. John More Young, M.A., M.B., C.M.
1882. Robert Beith, M.B., C.M.
1883. John Innes Dunlop, M.B., C.M.
1884. Charles Oliver Hawthorne, M.B., C.M.
1885. Andrew Wilson, M.B., C.M.
1886. Alexander Bryce, M.B., C.M.
1887. William MacLennan, M.B., C.M.
1888. Landel Rose Oswald, M.B., C.M.
1889. William Robert Jack, B.Sc., M.B., C.M.
1890. George Lamb, M.B., C.M.
1891. Hugh Galt, M.B., C.M.
1892. John Morton, M.B., C.M.
1893. John Johnson Urwin, M.B., C.M.
1894. Alexander MacLennan, M.B., C.M.
1895. Joshua Ferguson, M.A., M.B., C.M.
1896. John Knight, M.B., C.M.

THOMAS LOGAN MEDAL AND PRIZE,

Awarded to the most distinguished Graduate in Arts of the year.

1888. Ernest Findlay Scott, M.A.
1889. Alfred Ernest Garvie, M.A.
1890. John Edgar M'Fadyen, M.A.
1891. James Holm, M.A.
1892. Daniel Lamont, M.A.
1893. Gilchrist Gibb Alexander, M.A.
1894. Henry Noel Brailsford, M.A.
1895. William King Gillies, M.A.
1896. George Donald Valentine, M.A.

XI.—DEGREE AND PRIZE LIST.

LIST OF DEGREES

Conferred in the various Faculties and of Prizes and Certificates of Honour awarded in the several Classes of the University during the year ending 1st May, 1897.

DOCTORS OF DIVINITY (D.D.).

The Venerable Archdeacon Anthony Stoker Aglen, M.A., Alyth.
The Rev. William Thomson Johnston, B.A., Minister of the English Presbyterian Church, Worcester.
The Rev. Andrew Moody, B.A., Free Church Missionary to the Jews at Buda-Pesth.
The Rev. Ebenezer Brown Speirs, B.D., Minister of the Parish of Morningside, Edinburgh.
The Rev. Hugh George Watt, B.D., Minister of the Parish of St. Enoch's, Dundee.

DOCTOR OF LAWS (LL.D.).

16*th June*, 1896 (Professorial Jubilee of Lord Kelvin).

The Right Hon. Lord Kelvin, G.C.V.O., Professor of Natural Philosophy in the University of Glasgow.
Professor Cleveland Abbe, Meteorological Office, Washington.
Professor Christian Christiansen, Copenhagen.
Professor Per Theodor Cleve, University of Upsala.
General Annibale Ferrero, Ambassador from H.M. the King of Italy.
Professor Izidor Fröhlich, University of Buda-Pesth.
Professor Gabriel Lippmann, La Sorbonne, Paris.
Professor Archibald Liversidge, University of Sydney, N.S. Wales.
Professor Éleuthère Mascart, Collége de France, Paris.
Professor Henri Moissan, University of France, Paris.
Professor Simon Newcomb, Johns Hopkins University, Baltimore.
Professor Nicolas Oumov, University of Moscow.
Professor Émile Picard, University of France, Paris.
Professor Georg Quincke, University of Heidelberg.
Professor Woldemar Voigt, University of Göttingen.

13th April, 1897.

John Wolfe Barry, C.B., F.R.S., President of the Institution of Civil Engineers, London.

James Leigh Strachan-Davidson, M.A., Senior Dean and Classical Tutor of Balliol College, Oxford.

Rev. John Gillespie, M.A., Minister of the Parish of Mouswald, and Chairman of the Board of Directors of the Highland and Agricultural Society of Scotland.

Surgeon-Major-General James Jameson, M.D., Director-General of the Army Medical Department.

John MacCunn, M.A., Professor of Philosophy in University College, Liverpool.

William Ramsay, Ph.D., F.R.S., Professor of Chemistry in University College, London.

BACHELORS OF DIVINITY (B.D.).

November, 1896.

Archibald Lamont, M.A.

April, 1897.

James Spence Cuthill, M.A.
James Eadie, M.A.
James Ferguson, M.A.
John Stewart Hastie, M.A.
Campbell Macqueen Macleroy, M.A.
William Jack Nichol Service, M.A.
Alexander Oswald Taylor, M.A.
John Lancelot Tulloch, M.A.
Andrew Watt, M.A.
David Graham Webster, M.A.
Henry Angus Williamson, M.A.
Robert Wilson, M.A.
James Wotherspoon, M.A.

BACHELORS OF LAWS (LL.B.).

May, 1896.

Hamilton Paul Paterson, M.A.

November, 1896.

David Pinkerton Fleming, M.A.

April, 1897.

William Oliver Clazy, M.A.
Alfred James Fleming, M.A., B.L.
Alexander Munro MacRobert, M.A. (New Reg.).
William Goudie Skinner, M.A.

BACHELORS OF LAW (B.L.).

November, 1896.

David M'Leish Anderson.
Alfred James Fleming, M.A.
John Wilson.

April, 1897.

Jonathan Ranken Anderson.
Andrew Reid Nimmo.

DOCTORS OF MEDICINE (M.D.)

July, 1896.

I. WITH COMMENDATION.

Frederick Dittmar, M.A., M.B., C.M., Scotland. (*Thesis*—"Scarlatinal Albuminuria.")

Albert Alexander Gray, M.B., C.M., Scotland. (*Thesis*—"An Investigation into some of the Principles of Auscultation.")

Adam Thomson Nisbet, M.B., C.M., Scotland. (*Thesis*—"Observations on some cases of Liver Abscess.")

James Todd, M.B., C.M., Scotland. (*Thesis*—"Puerperal Scarlatina.")

II. ORDINARY DEGREE.

John Brown, M.B., C.M., Scotland. (*Thesis*—"On some Complications of the Puerperal State, with Notes of Cases.")

William Brown, M.B., C.M., Scotland. (*Thesis*—"Treatment of Acute Dysentery with Pulv. Ipecac. sine emetine.")

John Richmond Bryce, M.B., C.M., Scotland. (*Thesis*—"Modified Hydropathy.")

Hugh Dickie, M.A., M.B., C.M., Scotland. (*Thesis*—"The Antiseptic Treatment of Cholera Infantum and Allied Diseases.")

Anthony Inglis, M.B., C.M., Scotland. (*Thesis*—"Salol as an Antiseptic in Cases of Gastro-Intestinal Catarrh.")

Hugh Kelly, M.B., C.M., Scotland. (*Thesis*—"Chronic Metritis: its Frequency, Nature, and Treatment.")

William Roberton, M.B., C.M., Scotland. (*Thesis*—"Infantile Cerebral Paralyses.")

Patrick Aloysius Smith, M.B., C.M., Scotland. (*Thesis*—"Pneumonia: How most successfully Treated in General Practice.")

David Stiell, M.B., C.M., Scotland. (*Thesis*—"Notes upon Prevalent Fevers (particularly Enteric) occurring amongst British Troops in Egypt.")

Robert Robertson Young, M.B., C.M., Scotland. (*Thesis*—"The Pancreatic Treatment of Diabetes Mellitus.")

November, 1896.

I. WITH HONOURS.

Robert Kennedy, M.A., B.Sc., M.B., C.M., Scotland. (*Thesis*—"Studies on the Regeneration of Nerves.")

II. WITH COMMENDATION.

Thomas Speirs Kirkland, M.B., C.M., Scotland. (*Thesis*—"Quinine Amaurosis.")

III. ORDINARY DEGREE.

David Curle, M.B., C.M., Scotland. (*Thesis*—"A study from a clinical standpoint of the changes produced in the human body by the prolonged action of an excess of Carbonic Acid.")

John Currie, M.B., C.M., Scotland. (*Thesis*—"Leprosy.")

Robert Thomson Ferguson, M.B., C.M., Scotland. (*Thesis*—"Some abnormal Labour Cases, with comments and references.")

Thomas Blackadder Gilchrist, M.B., C.M., Scotland. (*Thesis*—"Antiseptic Treatment of Typhoid Fever (by Salol), with notes on cases.")

John Johnston, M.B., C.M., Scotland. (*Thesis*—"Granular Os Uteri.")

John Thomson Maclachlan, M.B., C.M., Scotland. (*Thesis*—"Clinical Studies in the Urine of the Insane.")

Brownlow Riddell, M.B., C.M., Scotland. (*Thesis*—"Psychical Reflexes; a Study in Cerebro-Mental Physiology and Pathology.")

William Robertson, M.B., C.M., Scotland. (*Thesis* "Strabismus Convergens, with reference to central Scotoma.")

Frederick Henry Waddy, M.B., C.M., England. (*Thesis*—"Examination of Sputum.")

Andrew Wylie, M.B., C.M., Scotland. (*Thesis*—"Typhoid Fever in private practice, and its treatment during Convalescence.")

April, 1897.

I. WITH COMMENDATION.

William Walton Don, M.B., C.M., England. (*Thesis*—"Thyroid Therapeutics.")

Walter King Hunter, B.Sc., M.B., C.M., Scotland. (*Thesis*—"A Contribution to the Etiology of Beri-Beri.")

II. ORDINARY DEGREE.

John Freeland Fergus, M.A., M.B., C.M., Scotland. (*Thesis*—"Urea: Some Remarks on its elimination in Health and Disease, with reference to cases under observation.")

Patrick Fraser Macgregor, M.B., C.M., Scotland. (*Thesis*—"Hystero-traumatic Paralysis; cases and comments.")

Robert Stevenson, M.B., C.M., Scotland. (*Thesis*—"Scarlet Fever and Milk Supply, with Notes of an Epidemic.")

John Phillip Topping, M.B., C.M., Scotland. (*Thesis*—"Notes and Remarks on Diphtheria.")

BACHELORS OF MEDICINE AND MASTERS IN SURGERY (M.B., C.M.).

May, 1896.

Thomas Orr Speirs, Scotland.

July, 1896.

I. HONOURS.

[1] John Knight, Scotland.

Madge Speirs Maclean, Scotland.

II. COMMENDATION.

Samuel Anderson, B.Sc.,	Ireland.
Hugh Calderwood, B.Sc.,	Scotland.
John Souttar M'Kendrick,	Scotland.
John Affleck Hope,	,,

III. ORDINARY DEGREES.

James Frances Agnew,	Ireland.
William Allen,	England.
Thomas Angus,	Scotland.
William Buchan Armstrong,	,,
John Bain,	,,
Thomas Walter Bayne,	,,
Hugh Howie Borland,	,,
John Tait Bowie,	Scotland.
George Arbuckle Brown,	,,
William Brown,	,,
James Butler,	,,
Charles Hodge Cairns,	,,
Malcolm Campbell,	,,
John Lindley Carstairs, M.A.,	,,

---

[1] Mr. Knight gains the Brunton Memorial Prize of Ten Pounds, awarded to the most distinguished Graduate in Medicine of the year.

Thomas Cochrane, Scotland.
Peter Latimer Leitch Craig, M.A., B.Sc., Scotland.
James Banks Cumming, ,,
John Arthur Clarke Doonan, Ireland.
Frank Elliott, Scotland.
Thomas M'Gibbin Fletcher, ,,
James Gardner, ,,
Daniel M'Intyre Glen, ,,
Edith Ellen Goodrich, England.
John Gordon, Scotland.
Joseph Green, England.
Andrew Francis Wilson Gunn, Scotland.
William Hausen, ,,
Mary Baird Hannay, ,,
Gavin Dalzell Hunter, ,,
John Hunter, ,,
Allen Iredale, England.
Edwin Brooke Jago, Scotland.
Charles Lowson, France.
John Marshall, Scotland.
Archibald Mason, ,,
John Morton, ,,
John Walker Munro, ,,
James M'Clure, Scotland.
James Campbell M'Clure, ,,
William Milroy M'Farlane, ,,
Joseph M'Gowan, ,,
Angus MacPherson M'Intosh, ,,
Alexander Anderson M'Nab, ,,
Thomas Duncan Newbigging, ,,
William Seaton Paterson, ,,
Samuel Prior, England.
Mildred Ransome, ,,
Alexander Robertson, Scotland.
Alexander Scott, ,,
Michael Wilson Symington, ,,
Roberta Henrietta Marguerretta Stewart, Scotland.
James Craik Taylor, ,,
Henry Hyslop Thomson, ,,
Anthony Vost, ,,
Herbert Kidson Wallace, B.Sc., England.
James Weir, Scotland.
Henry Whitehouse, ,,
James Eric Wilson, ,,
Robert Tait Wood, ,,
Herbert Yearnshaw, England.

November, 1896.

Thomas Black, Scotland.
Alfred Charlton, England.
David Dinwoodie, Scotland.
Ernest William Graham, ,,
John Alexander Graham, ,,
George Hanson, ,,
James Henry, ,,
Edgar Milwyn Jenkins, Wales.
John Hepburn Lyell, Scotland.
William M'Gilchrist Montgomery, Scotland.
Charles M'Kay, ,,
Donald Mackenzie MacRae, ,,
William John Orr, ,,
David Lyon Stevenson, M.A., ,,
Ernest Frederick Docetti Walker, Scotland.

April, 1897.

James Hood Rankin, Scotland.
James Malloch Robertson, Ireland.

DOCTORS OF SCIENCE (D.Sc.).

April, 1897.

James Blacklock Henderson, B.Sc.
David Wilson, M.A.

BACHELORS OF SCIENCE (B.Sc.).

November, 1896.

I. With Special Distinction in Engineering and in Astronomy.

In Engineering.

James Muir.

II. ORDINARY DEGREE.

In Engineering Science.

Matthew Atkinson Adam.

April, 1897.

In Geological Science.

Alexander Veitch Lothian, M.A.

In Engineering Science.

John Frederick Black.
James Buchanan Crawford.
James Henry Grieve.
James Keith.
Peter Lowe.

DOCTOR OF PHILOSOPHY (D.PHIL.).

April, 1897.

William Sharp M'Kechnie, M.A., LL.B.

MASTERS OF ARTS (M.A.).

July, 1896.

Donald Douglas.

November, 1896.

I. WITH HONOURS.

With First-Class Honours in Classics.

Horace Fenton Wallace (New Regulations).

With Second-Class Honours in Classics.

James Gillespie.

With First-Class Honours in Mental Philosophy.

William Boyd (New Regulations).

With Second-Class Honours in Mental Philosophy.

William Morrison.
Samuel Harvey M'Ewing.
Alexander Smith.

With First-Class Honours in Mathematics and Natural Philosophy.

James Wilson Copeland (New Regulations).
John Miller.
Adam Bell Stewart (New Regulations).
George Donald Valentine (New Regulations).

With Second-Class Honours in Mathematics and Natural Philosophy.

Arthur West Wilkie (New Regulations).
John Young (New Regulations).

II. Ordinary Degree.

James Lyon Ainslie.
Archibald Anderson.
George Bain.
Henry James Campbell.
Dugald Clark.
Alexander Colquhoun.
Charles Campbell Cuthbert.
James Dick.
Alexander Kerr Edward.
James Francis.
John Howitt Grant.
John Gray.
Alexander Mackay Hill.
Hugh Cameron Hutchison.
James Knox.
David Fraser Liddle.
John Longwill.
James Marr.
James Millar.
James Donald Mitchell.
John Archibald M'Cormick.
Alexander M'Gregor.
Christopher Strang M'Gregor.
John Dewar M'Kay.
James Shearer.
John Smith.
Neil Smith Snodgrass.
James Thomson Taylor.
James Thomson (Glasgow).
Robert Orr Whyte.
James Bald Wilson.
Robert Wilson.

April, 1897.

I. With Honours. (New Regulations.)

With First-Class Honours in Classics.

George Stewart Adams.
Robert Daniels Bell.
John Watson Henderson.
Peter William Monie.

With Second-Class Honours in Classics.

Marion Macfarlane Crichton.
Alexander James Martin.
Thomas Neilson.

With Third-Class Honours in Classics.

Allan Gibson.

With First-Class Honours in Mental Philosophy.

Thomas Ellis Jones.

With Third-Class Honours in English.

David Stevenson.

II. Ordinary Degree.

Robert Aitken.
Robert Proudfoot Roy Anderson.
Walter Arroll.
Peter Auchinachie.
George Ballantyne.
Donald M'Gilvray Beaton.
William Gyles Cameron.
James Duncan Cowan.
Robert Marcus Dickson.
William Love Dunlop.
Mungo M'Callum Fairgrieve.
Mungo Ferguson.
Norman Fleming.
Thomas Flint.
Ebenezer Hugh Fraser.
James Gilmour.
Charles Aikman Gourlay.
John Gray.
Thomas Smith Haran.
Percy Hepburn.
James Alexander Johnston.
John Baxter Johnston.
Andrew M'Clanachan Kelly.
James Grant Liddell.
Edwin Smith Munro.
David Murray, B.Sc.
Thomas Wood M'Cance.
Ivy M'Kenzie.
Donald Macleod.
Thomas M'Michael.
Charles Macpherson.
Alex. Craib Middleton Macrae.
James Bowie Paton.
James William Patrick.

William Philips.
Hugh Primrose.
William Reid.
James Russell.
Alexander Shaughnessy.
Alexander Stephen.
John Stobo.
Matthew Turnbull.
Frederick Allan Watson.
John Wallace Whyte.
James Wilson.

DEPARTMENTAL CERTIFICATES.

I. FOR DEGREE OF B.D.

FIRST DEPARTMENT—*October*, 1896.

Cuthill, James Spence, M.A.
Eadie, James, M.A.
Ferguson, James, M.A.
Hastie, John Stewart, M.A.
Lamont, Archibald, M.A.
M'Fadyen, John Edgar, M.A.
Macleroy, Campbell Macqueen, M.A.
Service, William Jack Nichol, M.A.
Taylor, Alexander Oswald, M.A.
Tulloch, John Lancelot, M.A.
Watt, Andrew, M.A.
Webster, David Graham, M.A.
Williamson, Henry Angus, M.A.
Wilson, Robert, M.A.
Wotherspoon, James, M.A.

SECOND DEPARTMENT—*October*, 1896.

Lamont, Archibald, M.A.

March, 1897.

Buchanan, Robert Matthew, M.A.
Cuthill, James Spence, M.A.
Duke, John Alexander, M.A.
Eadie, James, M.A.
Ferguson, James, M.A.
Fulton, John, M.A.
Hardie, Robert Montgomerie, M.A.
Macleroy, Campbell Macqueen, M.A.
Riddell, John, M.A.
Service, William Jack Nichol, M.A.
Taylor, Alexander Oswald, M.A.
Tulloch, John Lancelot, M.A.
Watt, Andrew, M.A.
Webster, David Graham, M.A.
Williamson, Henry Angus, M.A.
Wilson, Robert, M.A.
Wotherspoon, James, M.A.

II. FOR DEGREES IN LAW.

OLD REGULATIONS.

I. For Degree of LL.B.

1. IN CIVIL LAW.

October, 1896.

Anderson, Thomas A. H., M.A.
Brown, Laurence R., M.A.
Lusk, William, M.A.

April, 1897.

Clazy, William O., M.A.
Colquhoun, Alexander, M.A.

2. IN LAW OF SCOTLAND.

October, 1896.

Fleming, David P., M.A.

April, 1897.

Colquhoun, Alexander, M.A.

3. IN CONVEYANCING.

October, 1896.

Anderson, Thomas A. H., M.A.
Fleming, David P., M.A.

April, 1897.

Clazy, William O., M.A.
Fleming, Alfred J., M.A.
Skinner, William G., M.A.

4. IN PUBLIC LAW.

April, 1897.

Fleming, Alfred J., M.A.

5. IN CONSTITUTIONAL LAW AND HISTORY.

October, 1896.

Brown, Laurence R., M.A.
Lusk, William, M.A.

April, 1897.

Skinner, William G., M.A.

II. FOR DEGREE OF B.L.

1. IN LATIN.

October, 1896.

Anderson, David M.
Russell, William C.

April, 1897.

Russell, James A.
Scott, Alex. Malcolm.

2. IN LOGIC.

October, 1896.

Stiell, John S.

3. IN MORAL PHILOSOPHY.

October, 1896.

Todd, John J.
Turnbull, John C.

4. IN ENGLISH LITERATURE.

October, 1896.

Farquhar, William D.

April, 1897.

Russell, William C.

5. IN CIVIL LAW.

April, 1897.

Cordiner, Alexander, M.A.
Miller, James T.

6. IN LAW OF SCOTLAND.

October, 1896.

Wilson, John.

April, 1897.

Tannahill, John T.

7. IN CONVEYANCING.

April, 1897.

Anderson, Jonathan R.
Nimmo, Andrew R.
Stiell, John S.

8. IN CONSTITUTIONAL LAW AND HISTORY.

April, 1897.
Anderson, Jonathan R.
Cordiner, Alexander, M.A.
Nimmo, Andrew R.

9. IN MEDICAL JURISPRUDENCE.

October, 1896.
Wilson, John.

April, 1897.
Anderson, Jonathan R.
Miller, James T.

10. IN POLITICAL ECONOMY.

April, 1897.
Stiell, John S.
Tannahill, John T.

NEW REGULATIONS.

I. FOR DEGREE OF LL.B.

IN JURISPRUDENCE.

October, 1896.
Anderson, Thomas R., M.A.
Gray, James N., M.A.

April, 1897.
Charteris, Archibald H., M.A.

IN PUBLIC INTERNATIONAL LAW.

October, 1896.
Martin, Thomas, M.A.
MacRobert, Alexander M., M.A.

April, 1897.
Charteris, Archibald H., M.A.

IN CIVIL LAW.

October, 1896.
Bauchop, Jeffrey, D., M.A.
Wark, John L., M.A.

April, 1897.
Connell, Michael J., B.A.
Martin, Thomas, M.A.
Stewart, John, M.A.
Tennent, Robert, M.A.

IN LAW OF SCOTLAND.

October, 1896.
Bauchop, Jeffrey D., M.A.
Charteris, Archibald H., M.A.
MacRobert, Alexander M., M.A.

April, 1897.
Anderson, Thomas R., M.A.
Connell, Michael J., B.A.
Stewart, John, M.A.

IN CONSTITUTIONAL LAW AND HISTORY.

October, 1896.
Murray, William M., M.A.

April, 1897.
Anderson, Thomas R., M.A.
Tennent, Robert, M.A.

IN CONVEYANCING.

April, 1897.

MacRobert, Alexander M., M.A.

IN INTERNATIONAL PRIVATE LAW.

October, 1896.

Anderson, Thomas R., M.A.
Bauchop, Jeffrey D., M.A.
Gray, James N., M.A.
MacRobert, Alexander M., M.A.
Tennent, Robert, M.A.

April, 1897.

Martin, Thomas, M.A.

IN POLITICAL ECONOMY (40 Lectures).

October, 1896.

Charteris, Archibald H., M.A.

IN FORENSIC MEDICINE.

October, 1896.

Charteris, Archibald H., M.A.
Martin, Thomas, M.A.
Murray, William M., M.A.
Tennent, Robert, M.A.
Wark, John L., M.A.

II. FOR DEGREE OF B.L.

IN MORAL PHILOSOPHY.

October, 1896.

Davidson, William G.

April, 1897.

Donaldson, Henry J.

IN LATIN.

October, 1896.

Archibald, James R.
Crum, Alexander W.
Mackenzie, James A.

April, 1897.

Davidson, William G.
Mackay, Donald.

IN GREEK.

October, 1896.

Archibald, James R.

April, 1897.

Mackenzie, James A.

IN LAW OF SCOTLAND.

April, 1897.

Leishman, John S., M.A.

IN CONSTITUTIONAL LAW AND HISTORY.

April, 1897.

Leishman, John S., M.A.

III. FOR DEGREES OF M.B., CH.B.

FIRST PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (B., Botany ; Z., Zoology ; P., Physics ; C., Chemistry) :—

October, 1896.

Adams, Martha (B., Z.).
Aikman, Matthew, M.A. (B., Z.).
Anderson, John (B.).
Armitage, William (Z., P.).
Arthur, George (B., Z., P., C.).
Barbour, Gavin (B., C.).
Bathgate, Thomas Thomson (P.).
Baxter, Andrew (Z., C.).
Binning, Alexander (B., C.).
Birch, Alexander (B., Z., P., C.).
Britten, Janet Snodgrass (B., Z.).
Brown, Harry Egerton (B., P.).
Brown, William Herbert (B., C.).
Brownlie, John Douglas (B.).
Buchan, George Frederick (B., Z.).
Cairns, Patrick Thomas (B., Z.).
Caldwell, John Miller Hopkins (P.).
Campbell, Gertrude Jane (P., C.).
Cathcart, Edward Provan (C.).
Clark, John Thomson (B., C.).
Clark, Robert (B., C.).
Cuthbert, Charles Campbell (Z., C.).
Davidson, James, M.A. (C.).
Davie, Gregor Hugh Grant (P., C.).
Dickson, Frank Lindsay (C.).
Douglas, David Curr (P., C.).
Downie, George Horn (Z., P.).
Eadie, George Balfour (B., P.).
Findlay, Leonard (B., Z., P., C.).
Finlay, Comyn MacGregor (C.).
Forrest, John (B., C.).
Forsyth, Thomas (B., P.).
Fraser, Alexander, M.A. (B., Z.).
Fraser, Lizzie Thomson (B., Z.).
Fraser, Matthew William (B., C.).
Gairdner, Eric Dalrymple (B., Z.).
Gemmell, James (Z.).
Gillespie, Edward (B., Z., P.).
Girvan, William (P.).
Gourlay, Charles Aikman (B., C.).
Gourlay, James Dickson (B., Z., P., C.).
Greig, Lila Stephenson (B., Z.).
Gunson, Charles Herbert (B., Z., P.).
Hagerty, John Andrew (Z., P.).
Henry, James Macpherson (B., C.).
Hope, Charles Milburn (Z., C.).
Jack, Thomas Hamilton (B., Z., P., C.).
Kelly, James Thompson (P.).
Kennedy, John (Z., P.).
Kennedy, Robert Dallas (Z.).
Kerr, William Bryce (B., Z., P.).
Kirk, William Henry (Z., C.).
Laidlaw, James Dickson (Z., C.).
Lambie, John Francis (C.).
Leitch, Alexander (B., Z., P., C.).
Lickley, James Dunlop (B., C.).
Liston, Mary Forbes (B., Z.).
Lockhart, John (Z., P.).
Logan, Alexander (B., P.).
Logan, David Dale (P.).
Longwill, David (Z., C.).
Mair, Andrew (B., C.).
Marshall, Jean Marion Farie (B., Z.).
Marshall, Robert M'Nab (B.).
Maxwell, William (P.).
Miller, Janet Thomson (B., Z.).
Mills, William Archibald (P., C.).
Mitchell, Ebenezer, M.A. (B.).
Morison, John (B., Z.).
Munro, Alexander (B., C.).
MacCulloch, Alexander (Z.).
M'Feat, Walter James (P., C.)
M'Kinnon, George Steventon (B.).
Mackinnon, James (Z., C.).
Maclean, George Todd, M.A. (C.).
Maclean, John (Z., P.).
M'Phee, Burgess (C.).
MacRae, Duncan Mackenzie, M.A. (C.).
Paterson, David Stewart (B., P.).
Paterson, Robert (B., Z., P., C.).
Potter, Mary Emma (B., Z.).
Prentice, James Nimmo (B., Z.).
Rankin, Thomas Hood (B., Z.).
Richmond, John Duncan (B., C.).
Robertson, Sara Maude (B.).
Ross, Edward Henry (B., Z.).
Ross, James Crawford (B., C.).
Scott, Malcolm (B., Z.).
Shannon, David (B., C.).
Sharp, Edgar William (B., C.).
Sinclair, Agnes Brymner (B., Z., P.).
Smith, Christian Cleland Wood (B., Z., P., C.).
Smith, Elizabeth Helen (P., C.).
Smith, John Steele (C.).
Spence, David (B.).
Stewart, James Douglas Brownlee (Z., P.).

Stewart, John Barbour (B., P.).
Sutherland, James Alexander (C.).
Swan, Robert Rennie (B.).
Talbot, Mabel (B., Z.).
Taylor, Gertrude Florence Fleetwood (C.).
Thom, Robert Bryers (Z., C.).
Turnbull, James Cameron (B., C.).
Wainwright, Albert Ernest (B., C.).
Walker, William Dinning (P.).
Wallace, Robert (B., P.).
Waugh, Peter Millar (B., Z.).
White, George (B., C.).
Wildish, George Henry (C.).
Wilson, David Watson (B., Z.).
Wilson, Thomas Watson (B., Z.).
Wilson, William Webster Watt (B., Z.).
Wylie, William Robertson (B.).
Young, John (Glasgow) (Z., P.).

April, 1897.

Adams, Martha (P., C.).
Aikman, Matthew, M.A. (C.).
Anderson, Adolph (Z., C.).
Anderson, John (C.).
Anderson, Thomas (Z., P.).
Archibald, William (Z., P.).
Barclay, James Oastler (B., C.).
Barr, John Stoddart (Z., C.).
Bathgate, Thomas Thompson (B., C.).
Bogle, George Thomson (Z.).
Brown, Harry Egerton (Z., C.).
Brown, William Macalister (Z., P.).
Brownlie, John Douglas (C.).
Bryson, Margaret Edith (P., C.).
Burke, John Joseph (Z., P., C.).
Burnett, Ernest Cecil (Z., P.).
Caldwell, John Miller Hopkins (Z., C.).
Cameron, Samuel James (B., C.).
Campbell, Gertrude Jane (B., Z.).
Campbell, John James Young (Z.).
Campbell, Robert David (Z., P.).
Cartright, Robert Peploe (Z., P.).
Clark, George Herbert (Z.).
Clark, John Thomson (Z., P.).
Cook, James Bertie Wylie (Z.).
Craig, James (P., C.).
Cramb, Ernest Hamilton (B., P.).
Currie, Andrew (Z., P.).
Davidson, David Beattie (Z.).
Doig, Alexander (B., C.).
Douglas, Donald, M.A. (B., Z., C.).
Downie, John (B., C.).
Dunlop, Reginald Nairn (Z., P.).
Eadie, George Balfour (Z., C.).
Elder, William (Z., P.).
Farrar, William Watt (B., Z., P., C.).
Fletcher, Duncan Johnston (B., C.).
Fraser, Alexander, M.A. (C.).
Garrey, Gilbert (B., P.).
Gartshore, David George Somerville (B., Z.).
Gemmell, James (P.).
Gemmill, William (P.).
Gillespie, Edward (C.).
Gordon, George (Z.).
Gow, Archibald (Z., P.).
Granger, Andrew Parlane (Z., P.).
Gregor, John (B., C.).
Gunson, Charles Herbert (C.).
Harlan, George Pillans (Z., C.).
Henry, Francis Joseph (Z., P.).
Higgins, Janet Bisland (P., C.).
Hunter, Matthew (Z., C.).
Isbister, William Johnstone (Z., P.).
Keir, John Duncan (Z.).
Kennedy, Robert Dallas (C.).
Kerr, William Bryce (C.).
Leys, Norman Maclean (C.).
Livingston, Donald M'Farlane (B., C.).
Lochrane, Frank (Z., C.).
Logan, David Dale (B., Z., C.).
Magoveny, Edward (Z., P.).
Mains, Jacob (B., C.).
Marshall, Robert M'Nab (C.).
Millar, James, M.A. (Z.).
Mills, Robert Joseph (Z., P.).
Milne, William Alexander (Z., P.).
Minto, Harvey Stephen (Z., P.).
Mitchell, Allan Dixon (Z.).
Muir, Allan Howie (Z., P.).
MacCulloch, Alexander (P.).
Macdonald, Coll (Z.).
M'Ewen, Jessie Seath (P., C.).
M'Feat, Walter James (B., Z.).
M'Kinnon, George Steventon (C.).
M'Lean, Hugh Archibald (Z., P.).
Macphail, Dugald Henry (P.).
M'Phee, Burgess (P.).
M'Pherson, James (C.).
MacRae, Duncan Mackenzie, M.A. (B., Z.).
Nisbet, John Dunn (Z., P.).
Paterson, David Stewart (Z., C.).
Paton, John (Z., P.).
Patrick, James (C.).
Pirret, Mary Janet (P., C.).
Potter, Mary Emma (P., C.).
Ramsey, Robert (B., Z., P., C.).

Rankin, Thomas Hood (C.).
Reid, Peter Mackenzie (B.).
Renton, John Walker (B., Z.).
Ritchie, Margaret Mitchell (B., Z.).
Ritchings, Mary Ann Thompson (C.).
Robertson, Wm., Kilmarnock (Z., P.).
Rodger, William George (Z., P.).
Ross, Andrew Taylor (Z., P.).
Russell, David (B., C.).
Samson, John (B., P.).
Sinclair, Agnes Brymner (C.).
Sinclair, Malcolm Alexander (Z., C.).
Sinnette, Malcolm Bernard Gathorne (Z.).
Sloan, Agnes Bankier (P., C.).
Sloan, Elizabeth Macfarlane (P., C.).
Smellie, Archibald (Z., P.).
Spence, David (C.).
Steel, Donald (Z., P.).
Stewart, Andrew (B., C.).
Stewart, John, M.A. (B., C.).
Sutherland, James Alexander (Z.).
Swan, Robert Rennie (Z., P.).
Talbot, Mabel (P., C.).
Todd, James Nathaniel (Z., P.).
Tomkinson, Joseph Goodwin (Z., P.).
Turner, John Wright (Z., P.).
Unsworth, John (P., C.).
Valentine, Robert Warden (Z., P.).
Walker, Edythe Marjorie Stewart (B., Z.).
Walker, James (Z., P.).
Walker, William Dinning (Z., C.).
Wallace, George Smith (Z., P.).
Watson, Robert (Z., P.).
Wilson, Archibald Simpson (Z., P.).
Wilson, David Ashley (P.).
Wilson, James (Z., P.).
Wilson, John (Z., P.).
Wright, Hugh Patrick (B., C.).
Young, Henrietta Fraser (C.).
Young, John, Bearsden (Z.).

SECOND PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (A., Anatomy ; P., Physiology; M., Materia Medica and Therapeutics).

October, 1896.

Aitken, John (M.).
Alexander, George (M.).
Ballantyne, Arthur James (M.).
Ballantyne, Robert Fisher (A., P.).
Barclay, Andrew Aitken (M.).
Barrowman, James (M.).
Baxter, James Napier (A., P.).
Bennett, William (M.).
Beveridge, James Symond (M.).
Boyes, Auguste (P.).
Brunton, John (M.).
Buchan, John James (A., P.).
Carswell, Robert, M.A. (M.).
Cassells, Alexander Henderson (P., M.).
Clark, Andrew (M.).
Cullen, John (A., P.).
Currie, John Ronald, M.A. (A., P.).
Davie, John Lithgow (P., M.).
Douglas, Robert, M.A. (M.).
Duncan, Kenneth M'Kenzie (A., P., M.).
Dunlop, Binnie (A.).
Findlay, James Fulton (A., P., M.).
Fullarton, Robert, M.A. (A., P., M.).
Gardner, Mary (M.).
Garrow, Alexander (M.).
Grant, Jane (A., P.).
Green, James Garden (M.).
Heap, Harold Smith (M.).
Henderson, John (M).
Jersey, Ernest Frederick Lionel de (A.).
Jones, Edward William Reese (M.).
Jubb, Archibald (A., P., M.).
Keir, William Wallace (M.).
Lang, Andrew Stewart (A., P.).
Leitch, John Wilson, M.A. (A., P., M.).
Longmire, Mary (M.).
Lorimer, Jane (M.).
Matheson, Alexander (M.).
Miller, James Blakely (M.).
Milne, Ernest Wardlaw (A., P.).
Mitchell, James Alexander (M.).
Mitchell, Percival Ambler (M.).
M'Ilroy, Annie Louise (A., P., M.).
M'Kinlay, Dugald (M.).
Macnair, Alfred Duncan (A., P., M.).
M'Neil, Margaret Wallace Howie (M.).
M'Neill, Margaret Elizabeth (M.).
Macnicol, Roderick Reid, M.A. (M.).
M'Whir, James (A., P.).
Neill, William Gardner (A., P.).
Niven, Robert (M.).
Pearce, Percival Leslie (M.).
Prowse, Jean Effie (P.).
Ross, Marion Jamieson (M.).
Scott, Joseph Wilkie (M.).
Shaw, John, M.A. (M.).
Simpson, John Laird (M.).
Sloan, John Macfarlane (M.).

Smith, James Johnston (A.)
Steel, William Hart, B.A. (A., P., M.).
Stevenson, Francis (A., M.).
Stokes, Frederick Ernest (M.).
Strachan, Peter Donald, M.A. (A., P., M.).
Strang, Thomas Morton (M.).
Taylor, Andrew (A., P.).
Thompson, Alexander Dey (A., P., M.).
Turner, Henry Nisbet (A., P.).
Watson, Robert Andrew Hannan (A., P., M.).
Webster, William (A., P.).
Whiteford, Sara (A., M.).
Wilson, James Patterson (M.).

April, 1897.

Ballantyne, Robert Fisher (M.).
Baxter, James Napier (M.).
Bennett, James Freeborn (A., P.).
Brownlie, Andrew (A., P.).
Buchan, John James (M.).
Burns, William Adam (A., M.).
Calland, Thomas Bullough (P.).
Campbell, Ranald Douglas (A., P., M.).
Carruthers, James, M.A. (A., P., M.).
Chalmers, James Robert (A., P.).
Crerar, William (A.).
Cullen, John (M.).
Cumming, Charles Cheven (A., P.).
Currie, John Ronald, M.A. (M.)
Davidson, Archibald William Wallace (A., P.)
Davidson, Sarah (A., P.).
Douglas, David Curr (A.).
Drummond, James (A., P.).
Dunlop, Binnie (P., M.).
Ferguson, Hugh Campbell (A., P.).
Fleming, Marjorie King Henderson (A.).
Gibson, William (A., P.).
Granger, Jessie Downie (A., P., M.).
Grant, Jane (M.).
Green, James Garden (P.).
Hardie, Mabel (A., P.).
Harvey, David Sloan (M.).
Hunter, Jessie Sophia Beatrix (P.M.).
Inglis, Thomas (P.)
Jamieson, Nicol (A., P.).
Kerr, Andrew (A., P.).
Lang, Andrew Stewart (M.)
Lunan, Robert (A.).
Millar, Ramsay (A.).
Miller, Hugh (A., P.).
Miller, Norman M'Leod (A., P.).
Milne, Ernest Wardlaw (M.)
MacDonald, James Hogg (A., P.).
M'Fadyen, Peter MacIntosh (A., P.).
M'Gilchrist, John (A., P.).
Maclean, Charles Forbes (A.).
MacLeod, Norman Forbes (A., P.).
Maclurkin, Alfred Robert (A., P.).
M'Millan, John (A., P.).
M'Neill, Ina Lochead (A., P.).
Neill, William Gardner (M.).
Nicolson, Alexander Duncan (M.).
Patton, John (A., P.).
Prowse, Jean Effie (M.).
Riddell, William Alexander (A., P.).
Robertson, Sara Maude (A.).
Robin, Arthur (A., P.).
Scott, James, M.A. (A., P.).
Shearer, James (A., P.).
Simon, David Ap (P., M.).
Smith, Andrew James (M.).
Smith, David James (A., P.).
Smith, James (M.).
Smith, James Johnston (P., M.).
Spencer, Maud (A., P.).
Steven, Peter Alexander (A., P.).
Stewart, Alfred George (A., P.).
Taylor, Andrew (M.).
Taylor, Gertrude Florence Fleetwood (A., M.).
Thomson, Charles Pinkerton (A., P.).
Thomson, William Brown (A.).
Turner, Henry Nisbet (M.).
Webster, William (M.).
Wells, Alexander Simpson, M.A. (A., P.).
Wright, William (A.).
Young, Grace Lorrain (A., P., M.).
Young, John Doctor (A., P.).

THIRD PROFESSIONAL EXAMINATION.

The following passed in the subjects indicated (P., Pathology; M., Medical Jurisprudence and Public Health).

October, 1896.

Allan, Alexander Smith (M.).
Alston, James (P., M.).
Broadway, Theodore Belchambers (P., M.).

Buckley, Lucy, B.Sc. (P., M.).
Burns, William Cochran (P., M.).
Cairns, David Louis (P., M.).
Clarke, Joseph Adam (P., M.).
Coats, George (P., M.).
Coats, George William (M.).
Crow, John (P., M.).
Fleming, James Finlayson (M.).
Garvie, Thomas Bonnar (P., M.).
Hunter, Thomas, M.A., B.Sc. (P., M.).
Lindsay, Alexander Millar (P., M.).
Lindsay, William Mitchell (M.).
Little, John Watson (P., M.).
MacDonald, John (P., M.).
Mackenzie, Laurence Abel (P.).
M'Queen, James, M.A. (P., M.).
Ormond, James Service (P., M.).
Reid, John (Glasgow) (P., M.).
Scott, Robert (P., M.).
Scott, Alexander Bankier (P., M.).
Smith, Jessie Hawkesworth (P., M.).
Stewart, John M'Callum (P., M.).
Strang, James (P., M.).
Sutherland, Donald Sage (P., M.).
Walker, William James Alexander (P.).
Watson, William (P., M.).
Watt, Ernest (P., M.).
Weir, Edward Roberts (M.).
Wotherspoon, John (P., M.).
Young, David John (P., M.).

April, 1897.

Aitken, John (P., M.).
Alexander, George (P., M.).
Allan, Alexander Smith (P.).
Ballantyne, Arthur James (P., M.).
Barclay, Andrew Aitken (P., M.).
Bennett, Daisy Annabelle (P., M.).
Bennett, William (P.).
Beveridge, James Symond (P., M.).
Blackadder, Agnes Forbes (P., M.).
Blair, George MacLellan (P., M.).
Boleyn, John George Wilson (P.).
Clark, Andrew (P., M.).
Crawford, Robert (P., M.).
Douglas, Robert, M.A. (P., M.).
Duncan, Kenneth M'Kenzie (P., M.).
Fleming, James Finlayson (P.).
Fullarton, Robert, M.A. (P.).
Garrow, Alexander (P.).
Heap, Harold Smith (P.).
Henderson, John (P., M.).
Keir, William Wallace (P., M.).
Lawrie, Alexander (P., M.).
Lorimer, Jane (M.).
Matheson, Alexander (P., M.).
Miller, James Blakely (P., M.).
Mitchell, James Alexander (P., M.).
M'Call, Eva (P., M.).
Macdonald, Murdoch (P., M.).
Macfarlane, Minna Amelia (P., M.).
M'Ilroy, Annie Louise (P., M.).
Mackenzie, Laurence Abel (M.)
M'Neil, Margaret Wallace Howie (P.).
Macnicol, Roderick Reid, M.A., (P., M.).
M'Whir, James (P., M.).
Niven, Robert (P., M.).
Pearce, Percival Leslie (P.)
Poulter, Mabel Catherine (P., M.).
Robson, Agnes Renton (P., M.).
Ross, Marion Jamieson (P., M.).
Scott, Joseph Wilkie (P., M.).
Shaw, John, M.A. (P., M.).
Simpson, John Laird (P., M.).
Sloan, John Macfarlane (P., M.).
Strachan, Peter Donald, M.A. (P., M.).
Swan, James Douglas Carnon (P., M.).
Thomas, Daniel Rees (P., M.).
Thomson, Walter Lewis (P., M.).
Walker, William James Alexander (M.).
Watson, Robert Andrew Hannan (P.).
Weir, Edward Roberts (P.).
Whiteford, Sara (P.).
Wilson, James Patterson (P., M.).
Wyper, William (P., M.).

IV.—FOR DEGREE OF B.Sc.

OLD REGULATIONS.

IN ZOOLOGY.

October, 1896.

Lothian, Alexander V., M.A.

IN GEOLOGY.

April, 1897.
Lothian, Alexander V., M.A.

IN CHEMISTRY.

April, 1897.
Lothian, Alexander V., M.A.

IN ENGLISH LITERATURE.

April, 1897.
Ellis, Thomas.

REGULATIONS OF 1890.

In Engineering Science.

MATHEMATICS.

April, 1897.
Coats, Allan.
Gardner, Stanley J.
Paterson, Joseph B.

NATURAL PHILOSOPHY.

October, 1896.
Adam. Matthew A.

April, 1897.
Crawford, James B.

CIVIL ENGINEERING AND MECHANICS.

April, 1897.
Keith, James.

GEODESY.

April, 1897.
Paterson, Joseph B.

REGULATIONS OF 1892.

A. In Pure Science.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1896.
Bell, Robert J. T. (Mathematics, Chemistry).
Walker, Alice Rosalie (Chemistry).
White, Joseph (Chemistry).

April, 1897.

Anderson, William (Mathematics, Natural Philosophy).
Arthur, Robert J. (Natural Philosophy, Chemistry).
Auld, Robert (Natural Philosophy).
Bell, Robert J. T. (Natural Philosophy).
Bostock, Gertrude D. (Chemistry).
Brownlie, John D. (Natural Philosophy).
Douglas, Donald, M.A. (Chemistry).
Fairweather, Wallace C. (Mathematics).

Lynn, Robert R. (Mathematics).
White, Joseph (Natural Philosophy).
Wood, Alexander (Mathematics, Chemistry).

FINAL SCIENCE EXAMINATION—PORTION.

April, 1897.

Clark, Daisy A. M. (Physiology).
Grant, Frank L., M.A. (Astronomy).
[1] Muir, James, B.Sc. (Astronomy).

B. IN ENGINEERING.

FIRST SCIENCE EXAMINATION—PORTION.

October, 1896.

Berg, Hjalmar (Chemistry).
Burn, William G. (Higher Mathematics).
Fisher, Hugh N. E. (Higher Mathematics, Ordinary Natural Philosophy, Physical Laboratory).
French, James W. (Higher Natural Philosophy).
Lowe, Peter (Chemistry).
MacFarlane, Charles S. L. (Physical Laboratory).
Nimmo, James V. (Higher Mathematics, Ordinary Natural Philosophy).
Paton, James (Higher Mathematics, Higher Natural Philosophy, Physical Laboratory).
Strang, William G. (Ordinary Natural Philosophy).
Walker, Archibald C. (Higher Natural Philosophy).

April, 1897.

Barbour, John H. (Ordinary Natural Philosophy, Chemistry, Chemical Laboratory).
Bell, James M. (Higher Mathematics, Ordinary Natural Philosophy, Physical Laboratory, Chemistry).
Berg, Hjalmar (Higher Mathematics, Ordinary Natural Philosophy).
Burn, William G. (Physical Laboratory).
Douglas, Charles S. (Higher Mathematics, Ordinary Natural Philosophy, Chemistry, Chemical Laboratory).
Dunn, Andrew (Higher Mathematics).
Fraser, Ebenezer (Higher Mathematics).
French, James W. (Chemistry, Chemical Laboratory).
Macmillan, Archibald M. (Chemistry, Chemical Laboratory).
O'Hanlon, Patrick (Physical Laboratory).
Paton, James (Chemistry).
Shearer, William V. (Higher Natural Philosophy, Physical Laboratory).
Smart, Lewis A. (Physical Laboratory, Chemistry).
[2] Strang, William G. (Higher Mathematics, Chemistry, Chemical Laboratory).
Walker, William (Higher Mathematics, Chemistry, Chemical Laboratory).
Wallace, Hugh (Higher Natural Philosophy).
Warrack, John (Physical Laboratory).
Williams, Owen R. (Higher Natural Philosophy).
Wilson, William R. (Higher Natural Philosophy).
Workman, Robert E. (Ordinary Mathematics).

[1] With Special Distinction in Astronomy.
[2] With Special Distinction in Higher Mathematics

FINAL SCIENCE EXAMINATION—PORTION.

October, 1896.

Dunn, Andrew (Geology and Mineralogy).
Grieve, James H. (Electricity—Pure and Applied).
[1] Muir, James (Engineering and Drawing, Astronomy).
Wilson, William R. (Electricity—Pure and Applied).

April, 1897.

Black, John F. (Engineering and Drawing, Engineering Laboratory).
Grieve, James H. (Engineering and Drawing).
Lowe, Peter (Engineering and Drawing, Astronomy).
Nimmo, James V. (Geology and Mineralogy).

V.—FOR DEGREE OF M.A.

OLD REGULATIONS.

1. IN CLASSICAL LITERATURE.

October, 1896.

Ainslie, James L.
Bain, George.
Cameron, William G.
Campbell, Henry J.
Dunlop, William L.
Francis, James.
Hill, Alexander M.
Knox, James.
Moffat, James.
M'Gregor, Alexander.
Mackenzie, James.
Saull, William J.
Smith, John.

April, 1897.

Beaton, Donald M'G.
Flint, Thomas.
Munro, Edwin S.
Macrae, Alexander C. M.
Primrose, Hugh.
Stobo, John.

2. IN MENTAL PHILOSOPHY.

October, 1896.

Gray, John.
Hutchison, Hugh C.
Millar, William C.
Morrison, William (II. Hon.).
M'Cance, Thomas W.
M'Ewing, Samuel H. (II. Hon.).
M'Gregor, Christopher S.
Smith, Alexander (II. Hon.).

April, 1897.

Ballantyne, George.
Falconer, James.
Hercus, John.
Mackenzie, Duncan.
Mackinnon, Malcolm.
Saull, William John.

3. IN MATHEMATICS AND NATURAL PHILOSOPHY.

October, 1896.

Alexander Colquhoun.
Peter Conacher.
John Howitt Grant.
Miller, John (I. Hon.).
James Moffatt.
Alex. Craib Middleton Macrae.
William Park Reid.
James Thomson Taylor.

April, 1897.

Cameron, William Gyles.
Dunlop, William Love.
Meiklejohn, James.
M'Cance, Thomas Wood.
Pearson, George.

---

[1] With Special Distinction in Engineering and Drawing, and in Astronomy.

NEW REGULATIONS.

A.—LANGUAGE AND LITERATURE.

LATIN.

October, 1896.

Alexander, Hugh.
Atkinson, Mabel.
Babington, Matthew.
Baird, William.
Begg, Robert H.
Berry, William B.
Black, Archibald C.
Bowie, John.
Brown, Hugh.
Burns, Alexander.
Burr, Robert A.
Cameron, Hector C.
Connor, Agnes M.
Coubrough, Antony C.
Craig, James F.
Cross, Alexander.
Davidson, Robert.
Donald, Thomas W.
Ferguson, John.
Fulton, John.
Gardner, Alexander A.
Geddes, Matthew.
Gillespie, James (II. Hon.).
Johnston, William.
Matheson, Duncan.
Menzies, William.
Milne, John N.
M'Clelland, James.
M'Dougall, Daniel D.
M'Kerrall, Andrew.
M'Neill, John V.
Raeburn, William N. (II. Hon.).
Reid, William.
Scott, William.
Shearer, James.
Smith, Alexander M.
Stevenson, William D. H.
Swan, John A. L.
Taylor, Elizabeth P.
Walker, Thomas M.
Wallace, Horace F. (I. Hon.).
Wells, Robert T.
Wightman, William M.
Young, George G. B.

April, 1897.

Abernethy, William.
Allison, Jane M.
Anderson, Harry A. P.
Anderson, Maggie L.
Auchinachie, Peter.
Baird, Thomas.
Bennett, Thomas.
Black, James M.
Blair, David L. (I. Hon.).
Blyth, Vincent J.
Boyd, Winifred.
Brown, James N.
Brunton, David S.
Cameron, William F.
Carslaw, Robert B.
Clark, James M.
Condie, George.
Crichton, Marion M. (II. Hon.).
Fleming, Norman.
Forsyth, William.
Franks, Richard L.
Galbraith, George.
Gibson, Allan (III. Hon.).
Gilchrist, Jessie L.
Gilfillan, Brodie S.
Gilmour, James.
Gilmour, John.
Henderson, John W. (I. Hon.).
Howie, Robert Y.
Hunter, Thomas M.
Hutton, Malcolm.
Hutton, Mina M.
Inglis, Henry A.
Jack, James.
Johnston, James A.
Kelly, Andrew M.
Kelly, Isobel S.
Lowson, Peter.
Martin, Alexander J. (II. Hon.).
Matheson, Alexander.
Monie, Peter W. (I. Hon.).
Morton, Thomas E.
Muir, James C.
Mackay, Samuel F. H.
Macleod, Kenneth O.
M'Taggart, Duncan.
Neilson, Thomas (II. Hon.).
Osborne, George E. B.
Pattison, Thomas.
Paul, John.

Picken, David K.
Ramsay, Peter.
Rankin, William.
Robertson, Howard H.
Runciman, James W.
Rutherford, William S.
Scrymgeour, James.
Shearer, John.
Smith, Alexander.
Smith, Ernest G.
Smith, Peter G.
Smith, Thomas M.
Stewart, George.
Strang, Alexander.
Sutherland, William S.
Symington, Thomas S.
Tannahill, Margaret G.
Taylor, Walter R.
Towers, Joseph W.
Tulloch, Arthur P. S.
Turner, George D.
Vernal, Francis.
Watt, Hugh.
Williamson, Alexander.
Wilson, James R. S.

GREEK.

October, 1896.

Aitken, Robert.
Alexander, Hugh.
Allan, Alexander.
Begg, William H.
Brown, Hugh.
Cameron, Hector C.
Carruthers, Arthur B.
Gillespie, James (II. Hon.).
Gray, John.
Johnston, James.
Menzies, William.
Murray, Arthur E.
Murray, Dorothy N. T.
M'Clelland, James.
M'Kenzie, Ivy.
M'Michael, Thomas.
M'Neill, John V.
Raeburn, William N. (II. Hon.).
Riddell, Andrew L.
Rutherfurd, Helen.
Snodgrass, Neil S.
Swan, John A. L.
Wallace, Horace F. (I. Hon.).
Whyte, John Wallace.
Wilson, James B.

April, 1897.

Bennett, Thomas.
Black, James M.
Blair, David L. (I. Hon.).
Bringan, James C.
Brown, James N.
Clark, James M.
Craig, James F.
Crichton, Marion M. (II. Hon.).
Dick, Charles.
Galbraith, George.
Gibson, Allan (III. Hon.).
Gilfillan, Brodie S.
Guthrie, John.
Henderson, John W. (I. Hon.).
Hunter, Thomas M.
Inglis, Henry A.
Johnston, Lucy P.
Liddell, James G.
Martin, Alexander J. (II. Hon.).
Masterton, Robert S.
Matheson, Alexander.
Monie, Peter W. (I. Hon.).
Muir, John.
Mackay, Alexander B.
Mackay, Samuel F. H.
Macleod, Kenneth O.
M'Taggart, Duncan.
Neilson, Thomas (II. Hon.).
Osborne, Barbara P.
Paul, John.
Ramsay, Peter.
Rutherford, William S.
Scrymgeour, James.
Smith, Ernest G.
Smith, Thomas M.
Spens, Janet.
Strang, Alexander.
Sutherland, Arthur W.
Turner, George D.

ENGLISH.

October, 1896.

Arroll, Walter.
Bell, Andrew.
Christie, John C.
Darroch, Neil D.

Dick, Gilbert.
Ferguson, John.
Harkness, John.
Morison, John L. (I. Hon.).
M'Farlan, Donald.
M'Ilroy, Isabella B.
M'Laren, Robert.
Reid, William.

April, 1897.

Begg, William H.
Blair, Isabella B.
Blue, Alexander.
Boyd, Winifred.
Buchanan, Hugh R.
Burns, Alexander.
Busby, William E.
Cameron, Hector C.
Campbell, Mary I.
Cappell, James.
Coubrough, Anthony C.
Crawford, David.
Cross, Alexander.
Diamond, Harry.
Dick, William.
Dyer, Charles H.
Falconer, John.
Ferguson, Mungo.
Franks, Richard L.
Fraser, Ebenezer H.
Fulton, John
Gilchrist, Jessie L.
Gillan, William W.
Haddow, Alexander.
Hyslop, William.
Johnston, John D.
Kelly, Isobel S.
Love, William H.
Main, Archibald.
May, Maude G.
Menzies, William.
Muirhead, Alfred P.
Macalister, William G.
M'Clemont, Joseph.
M'Creadie, Anthony.
M'Cutcheon, James W.
M'Dougall, Daniel D.
M'Gill, Robert W.
MacGregor, James.
Mackay, Francis.
M'Kerral, Andrew.
Mackintosh, James S.
M'Leod, Daniel.
Macmillan, Archibald M.
Macnab, George.
M'Taggart, Duncan.
Napier, Andrew.
Ogilvy, John U.
Osborne, Barbara P.
Otty, John E. S.
Pairman, James C.
Paterson, Thomas.
Picken, David K.
Pollock, James F.
Rafferty, John.
Riddell, Daniel F.
Russell, John C.
Smith, David B.
Spens, Janet.
Stark, Margaret M.
Steele, Thomas.
Stephen, Alexander.
Stevenson, David (III. Hon.).
Stevenson, William D. H.
Stratton, William.
Sutherland, Arthur W.
Tannahill, Margaret G.
Tannock, William.
Tweeddale, David H.
Wright, Thomas G.
Young, John F.
Young, Peter T.

FRENCH.

October, 1896.

Kelly, Isobel S.
Macalister, William G.
M'Ilroy, Isabella B.

April, 1897.

Hutton, Malcolm.
Lindsay, Margaret E.
Mair, Jeanie.
Morrison, Kate.

GERMAN.

April, 1897.

Connor, Agnes M.

HEBREW.

April, 1897.

Dickson, Robert M.

B.—MENTAL PHILOSOPHY.

LOGIC AND METAPHYSICS.

October, 1896.

Boyd, William (I. Hon.).
Cameron, Donald C.
Copeland, John.
Craig, Thomas.
Ferguson, Mungo.
Gilmour, James.
Howie, Robert Y.
Kelly, Andrew M.
Matheson, Charles.
Matheson, Duncan.
Morrison, Angus J.
M'Ilroy, Jane H.
M'Kay, John D.
M'Kenzie, Ivy.
M'Laren, Robert.
Paton, James B.
Patrick, James W.
Smith, David B.
Stewart, Robert W.
Wilson, James Y.

April, 1897.

Adam, Henry H.
Allison, Jane M.
Anderson, John.
Anderson, Maggie L.
Arthur, Minnie L.
Atkinson, Mabel.
Babington, Matthew.
Bain, David.
Berry, William B.
Blythe, Walter.
Brown, Hugh.
Busby, William E.
Cameron, Hector C.
Campbell, Mary I.
Campbell, Thomas M.
Cappell, James.
Crawford, David.
Cross, Alexander.
Dick, William.
Donald, Thomas W.
Dunlop, Annie.
Dyer, Charles H.
Fulton, John.
Fulton, William (Glasgow).
Fulton, William (Uddingston).
Gillan, William W.
Gourlay, Charles A.
Haddow, Alexander.
Hannah, Elizabeth.
Hanson, John.
Harrison, Annie D.
Harvey, John.
Henderson, Elizabeth W.
Henderson, Peter.
Jones, Thomas E. (I. Hon.).
Jordan, James W.
Lindsay, Alexander D.
Lindsay, Margaret E.
Love, William H.
Mair, Jeanie.
May, Maude G.
Mitchell, James A.
Monie, Peter W.
Montgomerie, Alexander.
Muir, John.
Murray, Lewis D.
M'Clemont, Joseph.
M'Cutcheon, James W.
M'Donald, Alexander.
M'Ewan, Robert.
M'Ilroy, Isabella B.
Mackay, Alexander B.
Mackenzie, Alexander R.
M'Kerral, Andrew.
M'Lean, Elizabeth R.
Macmillan, Archibald M.
M'Neill, John C. W.
M'Neill, John V.
Pairman, James C.
Paterson, Thomas.
Raeburn, William N.
Rafferty, John.
Riddell, Daniel F.
Riddell, John.
Russell, John C.
Sheridan, James.
Smith, Alexander M.
Steele, Thomas.
Stevenson, William D. H.
Stratton, William.
Tannahill, John R.
Walker, Joseph.
Wells, Robert T.
Wright, Thomas G.
Young, Peter T.
Young, Robert B.
Yuill, Isobel.

MORAL PHILOSOPHY.

October, 1896.

Boyd, William (I. Hon.).
Henderson, John W.
Howie, Robert Y.
Johnston, James.
Kelly, Andrew M.
Ker, James C.
Marr, James.
Mitchell, James D.
Morrison, Angus J.
M'Kay, John D.
M'Neill, John C. W.
Ogilvy, John C.
Patrick, James W.
Tannahill, Agnes M.
Thomson, James.
Webber, Henry G.
Wightman, William M.
Yuill, Isobel.

April, 1897.

Abernethy, William.
Aitken, Robert.
Alexander, Hugh.
Allan, Alexander.
Arroll, Walter.
Atkinson, Mabel.
Babington, Matthew.
Baird, James W.
Baird, William.
Buchanan, Hugh R.
Cameron, Donald C.
Campbell, Thomas M.
Candlish, Robert.
Copeland, John.
Dickson, Robert M.
Dow, William R.
Edgar, John.
Farquharson, William H. S.
Ferguson, Fergus.
Ferguson, Mungo.
Fulton, William (Glasgow).
Gardener, Alexander A.
Gray, John (Clydebank).
Hamilton, Adam.
Haran, Thomas S.
Hepburn, Percy.
Johnston, John B.
Johnston, Lucy P.
Jones, Thomas E. (I. Hon.).
Main, Archibald.
Matheson, Duncan.
Milne, John N.
Monteith, John C.
Morton, Thomas E.
Murphy, John.
Murray, Arthur E.
Murray, Lewis D.
M'Donald, Alexander.
M'Dougall, Daniel D.
Macfarlane, Andrew.
M'Ilroy, Isabella B.
M'Kenzie, Ivy.
M'Michael, Thomas.
Nielson, Gordon B.
Paterson, Andrew.
Paton, James B.
Philips, William.
Rule, Helen M.
Scott, William (Lanark).
Spens, Janet.
Stephen, Alexander.
Stewart, Jane B.
Vernal, Francis.
Williams, Richard R.
Wilson, James Y.

POLITICAL ECONOMY.

April, 1897.

Arroll, Walter.
Auchinachie, Peter.
Baird, William.
Bayne, Alexander.
Blythe, Walter.
Bowie, John.
Burr, Robert A.
Conacher, John.
Core, William.
Cowan, James D.
Douglas, Robert.
Fleming, Norman.
Frame, Robert.
Miller, Robert B.
Milne, John N.
M'Cracken, William R.
M'Creadie, Anthony.
Mackay, Francis.
Ogilvie, George.
Paterson, Andrew.
Paton, James B.
Tannahill, Constance.
Turnbull, Matthew.
Watson, Frederick A.
Wightman, William M.

THEORY, HISTORY, AND ART OF EDUCATION.

October, 1896.

Abernethy, William.
Campbell, Mary I.
Liddle, David F.
M'Clemont, Joseph.
M'Leod, Daniel.

April, 1897.

Bain, David.
Blair, David L.
Blair, Isabella B.
Busby, William E.
Butters, Harry.
Chisholm, James.
Connor, Agnes M.
Darroch, Neil D.
Ferguson, Mungo.
Gibson, Agnes.
Gray, John (Clydebank).
Hannah, Elizabeth.
Lochhead, Alice M.
Mair, Jeanie.
Milne, Francis W.
Muirhead, Alfred P.
MacGregor, James.
M'Kerral, Andrew.
Macnab, George.
Macnab, William.
M'Neill, John C. W.
Macpherson, Charles.
Napier, Andrew.
Neilson, Thomas (Harthill).
Pollock, James F.
Reid, William.
Selkirk, William A. R.
Shearer, Robert W. R.
Stewart, Jane B.
Stewart, Thomas.
Stratton, William.
Watt, Robert.

C.—SCIENCE.

MATHEMATICS.

October, 1896.

Campbell, Mary I.
Christie, John C.
Copeland, James W. (I. Hon.).
Copeland, John.
Dickson, Robert M.
Donaldson, James R.
Ferguson, Fergus.
Gilchrist, Jessie L.
Gourlay, Charles A.
Harrison, Annie D.
Henderson, Elizabeth W.
Jones, Thomas E.
Mitchell, James A.
M'Dougall, Daniel D.
M'Ewan, Thomas.
M'Ilroy, Jane H.
M'Kerral, Andrew.
Paterson, Andrew.
Philips, William.
Risk, William J.
Selkirk, William A. R.
Shaughnessy, Alexander.
Valentine, George D. (I. Hon.).
Wilkie, Arthur W. (II. Hon.).
Young, John (II. Hon.).

April, 1897.

Adams, George S.
Anderson, John.
Arthur, Minnie L.
Bell, Andrew.
Blythe, Walter.
Bowie, John.
Brunton, David S.
Buchanan, Thomas.
Buik, George.
Burr, Robert A.
Chisholm, James.
Fairweather, Wallace C.
Frame, Robert.
Fulton, John.
Gibson, Agnes.
Goold, Marshall N.
Hamilton, Robert C.
Hamilton, Robert J.
Hannah, Elizabeth.
Hanson, John.

Hood, James.
Hutton, Malcolm.
Hyslop, William.
Johnston, John B.
Johnston, John D.
Leckie, James.
Leitch, Archibald.
Lindsay, Alexander D.
Lochhead, Alice M.
Love, William H.
Martin, Robert H.
Miller, Robert B.
Milroy, James.
Monteith, John C.
Montgomerie, Alexander.
Morrison, Angus J.
Morton, Alexander D.
Murray, Dorothy N. T.
Macarthur, Robert A.
M‘Clelland, James.
M‘Douald, Alexander.
M‘Donald, Roderick G.
Mackay, Alexander B.
M‘Leod, Daniel.
Macpherson, Charles.
Napier, Andrew.
Nicol, Roderick M.
Pattison, Thomas.
Rankin, William.
Robertson, Howard H.
Rule, Helen M.
Russell, John C.
Shanks, Andrew.
Shearer, Robert W. R.
Sinton, Alexander.
Sladden, Edith M.
Smith, Alexander.
Smith, Peter G.
Stewart, George.
Stewart, John L.
Struthers, James.
Taylor, Elizabeth P. (I. Hon.).
Thomson, Archie D.
Williamson, Alexander.
Wilson, James R. S.
Wilson, Samuel.
Wiseman, William R.
Wright, Thomas G.

NATURAL PHILOSOPHY.

October, 1896.

Copeland, James W. (I. Hon.).
Hay, Grace F.
Johnston, John B.
Kelly, Andrew M.
Kyle, David.
Valentine, George D. (I. Hon.).
Wilkie, Arthur W. (II. Hon.).
Young, John (II. Hon.).

April, 1897.

Aitken, Robert.
Allan, Alexander.
Brown, John.
Coubrough, Anthony C.
Davidson, Robert.
Henderson, James E.
Kerr, Andrew J. C.
M‘Kenzie, Ivy.
M‘Michael, Thomas.
Otty, John E. S.
Pullar, Thomas.
Scott, William (Glasgow).
Sellar, Alexander.
Stewart, David M.
Stewart, Robert W.
Tannock, William.
Taylor, Elizabeth P. (I. Hon.).
Wilson, Frederick A.
White, Joseph.
Young, Robert B.

CHEMISTRY.

October, 1896.

Jeffrey, John.
Stewart, Robert W.
White, Joseph.
White, Robert G.
Whyte, Robert O.

April, 1897.

Macmillan, Archibald M.
M‘Pherson, James.
Sinclair, Malcolm A.

ZOOLOGY.

October, 1896.

Cuthbert, Charles C.
Dick, James.

April, 1897.

Auld, Robert.
Kyle, David.

BOTANY.

October, 1896.

Millar, James.
M'Ilroy, Jane H.
M'Pherson, James.

April, 1897.

Gourlay, Charles A.
Kyle, David.

GEOLOGY.

April, 1897.

Gibson, Cameron R.

D.—HISTORY AND LAW.

HISTORY.

October, 1896.

Thomson, James.
Webber, Henry G.

April, 1897.

Abernethy, William.
Arroll, Walter.
Candlish, Robert.
Dunlop, Annie.
Fraser, Hannah H.
Gibson, Cameron R.
Gilmour, John.
Hanson, John.
Harrison, Annie D.
Johnston, John B.
Johnston, John D.
Kelly, Andrew M.
Liddell, James G.
Morrison, Angus J.
Murphy, John.
M'Clemont, Joseph.
M'Donald, Roderick G.
M'Farlan, Donald.
M'Gill, Robert W.
Mackenzie, Alexander R.
M'Phun, Margret P.
M'Taggart, Duncan.
Nielson, Gordon B.
Ogilvie, George.
Patrick, James W.
Selkirk, William A. R.
Vernal, Francis.
Whyte, John W.

CONSTITUTIONAL LAW AND HISTORY.

April, 1897.

Cockburn, Francis M.
Gilmour, James.
Johnston, James A.
Shaughnessy, Alexander.

ROMAN LAW.

October, 1896.

Paton, James B.

April, 1897.

Anderson, Norman C.
Bell, Andrew.
Cameron, William F.
Cockburn, Francis M.
Haran, Thomas S.
Mitchell, James A.
Murray, Arthur E.
Philips, William.
Raeburn, William N.
Riddell, John.
Scott, William (Glasgow).
Shaughnessy, Alexander.
Watt, Robert.
Wilson, James.

PUBLIC LAW.

October, 1896.

Paton, James B.

EXAMINATION FOR CANDIDATES FOR THE ARMY.

IN LATIN.

October, 1896.

Wingate, Thomas P.

PRELIMINARY EXAMINATION FOR DEGREES IN ARTS AND SCIENCE.

The following candidates passed in the subjects indicated (L., Lower ; I., Intermediate ; H., Higher) :—

October, 1896.

Anderson, David Alexander (H. Math., French).
Andrew, Alexander Somerville (L. Latin, L. Greek).
Arnott, John Thomas (English, L. Latin).
Arthur, Minnie Louise (L. Latin).
Auld, William (English, L. Math., L. Latin).
Baird, James (L. Latin, L. Greek).
Balderston, Charles Alfred (L. Greek).
Barbour, John Hutchison (English, H. Math., H. Latin, H. Greek, Dynamics).
Bell, Robert William (L. Math.).
Berg, Hjalmar (French).
Berry, William Boyd (I. Math.).
Blair, Robert Bradburn (I. Math., Dynamics).
Blue, Alexander (L. Latin).
Bostock, Gertrude Dorman (English, L. Latin, German).
Boyd, Winifred (I. Math., H. Latin).
Bringan, James Campbell (L. Math., H. Greek).
Brown, John Dunlop (H. Math,, L. Latin).
Brunton, David Stewart (H. Latin, L. Greek).
Butler, Joseph Percival Jarvis (L. Latin).
Butters, Harry (English, Dynamics).
Campbell, Andrew (H. Math., H. Latin, H. Greek).
Carmichael, David Gordon (I. Math., H. Latin, L. Greek).

Chisholm, James (English, H. Math., L. Latin, Dynamics).
Chisholm, John (H. Greek).
Clark, Donald James (English, H. Math., L. Latin).
Clark, James Miller (H. Latin, H. Greek).
Condie, George (English, I. Math.).
Cook, Isaac (English, L. Math.).
Crombie, William Duncan (H. Math.).
Crum, Alexander William (I. Math., L. Latin).
Cummock, John (L. Latin).
Davidson, Thomas (L. Latin).
Dawe, John Nanscawen (French).
Dickson, Norman (H. Math., Dynamics).
Dinwoodie, James (English, H. Math., L. Greek, Dynamics).
Donaldson, James Robertson (L. Latin).
Douglas, Charles Stewart (French, Dynamics).
Dow, Samuel Hugh (H. Latin).
Dow, William Robert (H. Math.).
Downie, Andrew Marshall (English, H. Math., Dynamics).
Dunlop, Alexander Slater (English, H. Math., L. Latin, L. Greek).
Dyer, Charles Henry (H. Math., H. Greek).
Dyer, Robert Morton (English, H. Math., Dynamics).
Elliot, Edward George (I. Math., L. Latin).
Elliot, John James (L. Math., L. Latin).
Fairweather, Wallace Cranston (English, H. Math., H. Latin).
Fearn, John Clark (L. Latin, L. Greek).
Forfar, David (English, L. Latin).
Forsyth, William (H. Math., H. Latin, L. Greek).
Fotheringham, James Boath (H. Latin, H. Greek).
Franks, Richard Lister (English, H. Latin).
Fraser, James (I. Math., L. Greek).
Fraser, Kate (H. Math., French).
Fulton, Maggie Graham (H. Math., H. Latin).
Gibson, Agnes (H. Math., L. Latin).
Gibson, Cameron Robertson (H. Latin).
Gilfillan, Brodie Smith (H. Math., French).
Gillies, William Alexander (L. Math., L. Greek).
Gilmour, John (Dynamics).
Goold, Marshall Newton (H. Latin, H. Greek).
Gray, John (Airdrie) (I. Math., L. Latin, Dynamics).
Guthrie, John (I. Math., H. Latin, H. Greek).
Halliday, John (L. Math.).
Hamilton, Robert Cumming (H. Latin).
Hamilton, Robert John (H. Latin, H. Greek).
Hanson, John (H. Math.).
Hart, Robert (L. Latin).
Hay, James (L. Math., L. Latin).
Henderson, Elizabeth Williamson (H. Latin).
Henderson, James (H. Math., L. Latin).
Henderson, James Alex. Russell (H. Latin, L. Greek).
Henry, Edward (L. Math., L. Latin).
Hood, James (English, H. Math., H. Latin, Dynamics).
Hunter, Thomas Macmillan (H. Greek).
Hutchison, Stephen (French).
Hutton, Malcolm (H. Math.).
Hutton, Mina Macarthur (H. Latin).
Jack, George (H. Greek).

Jack, James (H. Latin, H. Greek).
Jackson, George (L. Math.).
Jarvie, William Robert (L. Math., L. Latin).
Johnston, John Dalrymple (H. Math.).
Johnston, Lucy Perfect (H. Greek).
Johnston, William (I. Math.).
Johnstone, John Gavin (Dynamics).
Jones, Thomas (H. Math.).
Jordan, James William (H. Latin, Dynamics).
Junner, Colin Kirkness (I. Math.).
Keith, David Alexander (H. Math., Dynamics).
Kennedy, Alexander Dingwall (H. Math., H. Latin, L. Greek).
Kennedy, Donald (English, L. Math., L. Latin, L. Greek).
Kerr, William (English, L. Math., L. Latin).
Kirkhope, Hugh (H. Greek).
Lakin, Alexander (English, H. Math.).
La Torre, Charles (H. Math., German, Dynamics).
Lazenby, Paul Helme (L. Math., L. Latin).
Lean, Ronald (English, H. Math., L. Latin, L. Greek).
Leckie, James (L. Latin).
Levine, Rachel (H. Latin).
Lightbody, Isaac Whiteford (H. Math., L. Latin, L. Greek).
Lindsay, William (L. Latin).
Lithgow, George Shaw (H. Math., H. Latin, L. Greek).
Livingstone, Hector Myles (I. Math.).
Lochhead, Alice Mary (L. Latin).
Love, John Alexander Anderson (L. Math., H. Latin).
Lowe, Theodore David (H. Math., H. Latin, H. Greek).
Lynn, Robert Rankine (English, H. Math., French).
Martin, John Allan (H. Math., L. Latin).
Matheson, Alexander (H. Math., French).
Miller, John (English, H. Math., H. Latin).
Milligan, James Aitchison (English).
Milne, Francis William (H. Latin).
Milne, John Neil (H. Math.).
Milroy, James (English, French).
Mitchell, John (English, H. Math., L. Latin).
Mitchell, Norman Reid (English, H. Math.).
Morrison, Kate (H. Math., L. Latin).
Morton, Alexander Dickie (H. Latin, H. Greek).
Morton, William Topping (L. Greek).
Muirhead, Alfred Patman (H. Math., Dynamics).
Mungo, David Brown (English, I. Math., H. Latin).
Murray, Arthur Erskine (H. Math.).
Macarthur, Malcolm (L. Math., L. Greek).
Macarthur, Robert Angus (L. Latin, L. Greek).
MacBean, Alexander (L. Math., H. Latin, L. Greek).
M'Cririck, Thomas (H. Math., L. Latin).
M'Culloch, Isabella M'Luckie (I. Math., L. Latin).
M'Donald, Alexander (H. Math.).
M'Ewen, Thomas (English, L. Math., L. Latin).
M'Gregor, George Alexander (H. Math., H. Latin).
M'Intyre, Wylie Robert (English, H. Greek).
M'Kay, Donald (French).
Mackay, Hector William (H. Latin).
Mackenzie, Alexander (H. Math., Dynamics).

Mackenzie, Archibald (H. Math., L. Latin).
Mackenzie, Robert Duncanson (English, I. Math., H. Latin, L. Greek).
Mackintosh, James Semple (L. Greek).
M'Leish, Alexander (English, H. Math., Dynamics).
MacLeod, Donald (H. Latin, L. Greek).
Macleod, Kenneth Olaus (H. Greek).
M'Michael, John (H. Latin).
M'Millan, Alexander Stewart (L. Latin).
Macmillan, Archibald Morven (L. Latin).
M'Millan, George Williamson (L. Math., L. Latin).
Macmillan, John (L. Greek).
Macmillan, Matthew Stobie Tait (H. Latin).
M'Murtrie, Thomas Robert (English, H. Math., H. Latin, L. Greek).
Macnab, George (English, H. Math., L. Latin, Dynamics).
Macnab, William (H. Greek).
M'Neill, John Victor (H. Math.).
M'Phail, William (I. Math., H. Latin).
Macpherson, Donald (I. Math., H. Latin, L. Greek).
M'Phun, Margret Pollock (I. Math.).
Napier, Alexander Harper (English, H. Math., L. Latin).
Neal, John Thomas (L. Math.).
Neilson, Thomas (H. Latin, Dynamics).
Nelson, Jannette Reid Bartholomew (L. Math.).
Nicol, Roderick Macdonald (L. Latin).
Ogilvy, John Urquhart (Hebrew).
O'Hanlon, Patrick (L. Latin).
Omand, George Gair (L. Latin, L. Greek).
Orr, William (L. Math.).
Osborne, George Edward Bell (L. Math., H. Latin, H. Greek).
Otty, John Edgar Sugden (L. Greek).
Paterson, Andrew (L. Latin).
Pattison, Thomas (English, H. Math., H. Latin, Dynamics).
Porteous, James Smith (H. Math., French).
Prentice, John (L. Math.).
Pryde, James Johnstone (L. Greek).
Pryde, John Marshall (H. Math., L. Latin, L. Greek).
Rae, Margaret (English, L. Math., French).
Rankin, William (English, H. Latin).
Risk, William John (L. Latin).
Roberts, Eric James (English, H. Math., L. Latin, Dynamics).
Robertson, Howard (English, H. Latin).
Salmond, James (L. Latin).
Samuel, Randolph John (English, H. Math.).
Scott, Robert Lowrie (English, Dynamics).
Scrymgeour, James (H. Math.).
Service, Agnes Motherwell Niven (H. Math.).
Shanks, Andrew (H. Latin, H. Greek).
Shann, George (H. Math., Dynamics).
Shaw, Alexander (English, L. Math., L. Latin, L. Greek).
Shaw, Walter (L. Greek).
Shearer, John (English, L. Math., H. Latin).
Shearer, Robert Walter Rogerson (H. Math., Dynamics).
Shearer, William Valentine (Dynamics).
Sladden, Edith Marian (English, Dynamics).
Smart, Lewis Anderson (H. Math., L. Latin, Dynamics).
Smith, Alexander MacEwen (I. Math., H. Greek).

Smith, Donald (Stornoway) (English, L. Latin, Dynamics).
Smith, Ernest Gardiner (English, I. Math.).
Smith, Peter George (H. Latin, H. Greek).
Smith, William Begbie (L. Latin, French).
Spence, James (H. Math., L. Latin).
Spens, Janet (L. Math., H. Greek).
Steel, James (English, L. Math., L. Latin).
Stewart, Archibald (H. Math., L. Latin, L. Greek).
Stewart, Charles Stewart Reginald (English).
Stewart, Harry Sinclair (H. Math.).
Stewart, John (L. Latin, L. Greek).
Stewart, John Logan (H. Latin).
Stewart, Thomas (H. Latin).
Stirling, James Neilson (H. Latin, L. Greek).
Storrer, Alexander Currie (L. Latin, L. Greek).
Strachan, Alexander (H. Math.).
Strang, Alexander (H. Greek).
Strathern, James (H. Greek).
Struthers, James (L. Latin, French).
Sutherland, Arthur William (H. Math., H. Latin).
Symington, Thomas Struthers (I. Math., L. Greek).
Tannahill, Agnes Mary (H. Greek).
Tannahill, Margaret Garrow (H. Math., German).
Taylor, David Gladstone (H. Latin, French, Dynamics).
Taylor, Walter Ross (H. Math., L. Greek).
Thompson, William (L. Latin, L. Greek).
Thompson, William Lindsay (H. Greek).
Thomson, Katherine (H. Latin, French).
Torrance, James (H. Greek).
Tulloch, Arthur Penrhyn Stanley (I. Math., H. Latin, L. Greek).
Turner, George Douglas (H. Greek, French).
Vost, James (H. Math., Dynamics).
Waddell, James (H. Latin).
Walker, John (I, Math.).
Wason, Alexander (H. Math., L. Latin, L. Greek).
Watt, Hugh (H. Greek).
Wells, Robert Tait (H. Math.).
White, Robert George (L. Latin).
Williamson, Alexander (Grangemouth) (L. Greek).
Wilson, Alexander Cunningham (H. Latin).
Wilson, James Robertson Sweet (H. Math., H. Latin).
Wiseman, William Richard (H. Math.).
Wishart, Hugh Ritchie (English, H. Math., Dynamics).
Wood, John (L. Greek).
Workman, Robert Ernest (H. Math., L. Latin).
Wright, Charles (L. Math., H. Latin, H. Greek).
Wylie, Jessie Reid (H. Math.).
Young, James (H. Latin, L. Greek).

April, 1897.

Alexander, Robert Vincent Hutchison (English, L. Latin).
Anderson, Maggie Lindsay (I. Math.).
Andrew, Alexander Somerville (H. Math., H. Latin, H. Greek).
Archibald, Constance Helen Margaret (English, H. Math.).
Armstrong, Thomas (L. Math., H. Latin, H. Greek).
Arnott, John Thomas (H. Latin, L. Greek).

Arthur, Minnie Louise (H. Latin).
Auld, Jeanie (H. Math., H. Latin).
Auld, William (H. Latin, L. Greek).
Baird, David (L. Latin).
Baird, James (L. Math., L. Latin, H. Greek).
Balderston, Charles Alfred (H. Greek).
Barrowman, Mary (I. Math., H. Latin).
Bell, Andrew Farm (H. Math., Dynamics).
Bell, Robert William (L. Math., L. Greek).
Blair, William (L. Math.).
Boyd, James (H. Math.).
Brechin, Margaret Blackley (H. Math., H. Latin).
Brown, Alexander (English, I. Math.).
Brown, John Dunlop (English, Dynamics).
Brunton, David Stewart (H. Greek).
Bull, Einar (English).
Burns, Daniel (Dynamics).
Caird, Mariquita (English).
Callander, Mary (H. Math., H. Latin).
Cameron, Hector Charles (H. Math.).
Cameron, Thomas Bell (L. Latin, Dynamics).
Campbell, Daniel Kirkwood (English, H. Math., H. Latin, Dynamics).
Campbell, Mary Isa (L. Latin).
Carstairs, George (H. Latin, H. Greek).
Chalmers, Humphrey (H. Math., H. Latin, L. Greek, French).
Cochrane, James (L. Latin).
Craig, David (I. Math.).
Crombie, William Duncan (H. Math., L. Greek).
Crum, Alexander William (English, I. Math.).
Dickson, Norman (English).
Donald, Robert (English).
Donaldson, James Robertson (H. Latin).
Douglas, Charles Rattray (English).
Dow, Samuel Hugh (I. Math., French).
Downie, Andrew Marshall (French).
Dyer, Robert Morton (German).
Edgar, John Henderson (L. Greek).
Elliot, Edward George (H. Math.).
Elliot, John James (I. Math., H. Latin, L. Greek).
Fearn, John Clark (H. Latin, L. Greek).
Forbes, Robert Weir (English).
Galloway, William (English, H. Math.).
Gibson, John Gemmel (H. Latin).
Gillies, William Alexander (H. Math., H. Greek).
Girvan, Henry Stuart (English, L. Math., H. Latin).
Gordon, John (L. Math.).
Grant, Robert (English, I. Math., L. Latin).
Gray, John (Airdrie) (H. Latin).
Grieve, James Fergus (Dynamics).
Halliday, John (English, H. Math., L. Latin).
Hart, Robert (L. Latin, H. Greek).
Henderson, Archibald (L. Latin).
Henderson, James (L. Latin).
Henderson, James Alexander Russell (H. Greek).
Henderson, John Francis (German).
Henderson, Peter (Hebrew).

Hodge, Donald Grant (L. Math., L. Latin).
Houston, Campbell (English, H. Math.).
Hume, James (H. Latin, Dynamics).
Hunt, Helena Dorothy (English, H. Math., H. Latin, French).
Hutchison, Stephen (English, French).
Jack, George (H. Math.).
Jackson, George (L. Latin, L. Greek).
Jarvie, William Robert (English, H. Math.).
Johnstone, John Gavin (English).
Kedie, Annie Frazer (English, L. Latin).
Keith, David Alexander (English).
Kerr, William (H. Math., H. Latin, French).
King, Maurice John (English, I. Math., H. Latin, H. Greek).
Kinloch, John Laing (English. H. Math., L. Latin, French).
Laird, Alexander (English, I. Math., L. Latin).
Lakin, Alexander (L. Latin, Dynamics).
Lawrie, Alexander (I. Math.).
Lazenby, Paul Helme (English, H. Math., H. Latin).
Lean, Ronald (H. Latin, H. Greek).
Leckie, James (H. Latin).
Leitch, Helen Frances (English).
Lindsay, William (L. Latin, L. Greek).
Livingston, Margaret Hay (English, H. Math., French).
Livingstone, Hector Myles (L. Latin).
Low, Thomas (English, H. Latin, French).
Mann, John Charles (English, H. Latin).
Marshall, Thomas (L. Latin).
Martin, John Allan (H. Latin, Dynamics).
Mason, Joseph (English, H. Math., L. Latin).
Matheson, Charles (H. Math.).
Milne, Robert (H. Greek).
Mitchell, Alexander John (L. Math., H. Latin, French).
Mitchell, Edward Rosslyn (English, H. Math., H. Latin).
Mitchell, John (H. Latin, Dynamics).
Morison, Norman John (I. Math., H. Latin, L. Greek, Dynamics).
Morrison, Kate (H. Latin).
Morton, William Topping (English).
Motherwell, Margaret Jeffrey (L. Latin, French).
Muir, Thomas (H. Latin).
Mungo, David Brown (Dynamics).
Munro, Hugh (Kilmarnock) (French).
Macarthur, Duncan (L. Greek).
Macarthur, Robert Angus (H. Latin).
M'Culloch, Isabella M'Luckie (English, I. Math., French).
Macdonald, John (H. Latin, H. Greek).
M'Gregor, Andrew Cuthbert (H. Math., H. Latin).
M'Ilroy, Isabella Beattie (H. Latin).
M'Intyre, Wylie Robert (H. Latin).
Mackay, Hector William (I. Math.).
Mackay, Hugh Alexander (English, H. Math.).
Mackenzie, Archibald (H. Latin).
Mackenzie, Robert Duncanson (H. Math., L. Greek).
Mackintosh, James Semple (I. Math., L. Greek).
Maclean, Alexander Maclean (L. Latin, L. Greek).
M'Leish, Alexander (L. Latin, L. Greek).
MacLeod, Donald (L. Greek).

M'Michael, John (H. Math.).
M'Millan, Alexander Stewart (English, H. Latin, L. Greek).
M'Millan, Joseph Falconer (English).
M'Millan, Katharine Thomson (I. Math.).
M'Murtrie, Thomas Robert (H. Greek).
Macphail, William (L. Greek).
MacRury, Archibald (L. Latin).
Napier, Alexander Harper (French).
Neal, John Thomas (English).
Nicol, Roderick Macdonald (H. Latin).
Norwell, Alexander (H. Math., Dynamics).
Omand, George Gair (L. Latin, L. Greek).
Orr, John (English, L. Latin, H. Greek).
Osborne, George Edward Bell (I. Math.).
Osborne, Robert Thornton (H. Latin, French).
Pollok, Robert George (H. Math., L. Greek).
Pryde, John Marshall (L. Latin).
Rae, Margaret Isobel (I. Math.).
Reid, James (English, L. Latin, L. Greek).
Reid, Maggie Miller (H. Math., L. Latin).
Ritchie, Allan Marshall (L. Latin).
Roberts, Eric James (H. Latin).
Ross, George (L. Math., L. Greek).
Runciman, James Watson (H. Math., H. Greek).
Scott, Robert Lowrie (H. Latin).
Scott, William (Lanark) (Hebrew).
Selkirk, William (I. Math., L. Latin).
Service, Agnes Motherwell Niven (L. Latin).
Shaw, Alexander (H. Latin, H. Greek).
Shennon, Malcolm (English, L. Latin).
Smart, Christian Elder Symington (H. Math., H. Latin).
Smith, Donald (Glasgow) (L. Latin, L. Greek).
Smith, William John (L. Math., L. Latin).
Stewart, Archibald (H. Latin, L. Greek).
Stirling, Francis Purser Holbrooke (H. Greek).
Stirling, James Neilson (English).
Stirling, John (H. Math., H. Latin).
Strathern, Robert Fairley (L. Latin, L. Greek).
Struthers, James (H. Latin).
Sutherland, William Sinclair (H. Math., H. Greek).
Templeton, James (H. Math.).
Thompson, William (English, L. Math., H. Latin).
Thomson, Alexander Dunbar (English, H. Math., H. Latin, Dynamics).
Thomson, Edward John (English).
Tulloch, Arthur Penrhyn Stanley (H. Greek).
Waddell, James (French, Dynamics).
Walker, Isabel M'Gregor (H. Math.).
Wason, Alexander (H. Latin, H. Greek).
White, Robert George (H. Latin).
Whitelaw, Andrew Hepburn (English).
Williamson, Alexander (Greenock) (English, L. Latin).
Wilson, Alexander Cunningham (L. Latin).
Wiseman, William Reid (H. Math., H. Latin, Dynamics).
Wishart, George Baird (H. Math., H. Latin, Dynamics).
Wishart, Hugh Ritchie (H. Latin).
Wood, John (L. Latin, L. Greek).

Wylie, Jessie Reid (H. Math., L. Latin).
Wylie, Thomas Kirkwood (H. Math., H. Latin, H. Greek).
Young, Annie Wotherspoon (I. Math.).
Young, George Alexander William (L. Latin, L. Greek).
Young, George Macmillan (English, L. Latin, Dynamics).
Young, James (H. Greek).

PRELIMINARY EXAMINATION FOR DEGREES IN MEDICINE.

The following candidates passed :—

October, 1896.

Banks, Alexander Grey.
Bisset, Archibald Grainger.
Bryson, Robert.
Burnett, Ernest Cecil.
Chapman, Edward Seymour.
Copestake, Thomas Goodall.
Davidson, David Beattie.
De Russett, Mary Evelyn.
Donaldson, Hugh M'Millan.
Dow, Andrew Robertson.
Elder, William.
Elliott, Joseph Henderson.
Ferguson, George.
Gemmill, William.
George, William White.
Gillies, David.
Gordon, George.
Granger, Andrew Parlane.
Higgins, Janet Bisland.
Kennedy, Alexander Dingwall.
Kilmartin, Philip.
Leitch, Mary Oughterson.
Lovett, Thomas.
Mills, Robert Joseph.
Muir, John.
Macphail, Dugald Henry.
Rodger, William George.
Scott, Frank Donnelly.
Sharp, Charles.
Sinnette, Malcolm Bernard Gathorne.
Sloan, Agnes Bankier.
Thomson, William Watson.
Tomkinson, Joseph Goodwin.
Turner, John Wright.
Wallace, George Smith.
Weston, John Forrest.
Wyper, James.

April, 1897.

Ballantyne, Thomas.
Bowie, Thomas Fraser.
Bruce, Robert.
Campbell, Jane.
Campbell, Robert Harold.
Chapman, Walter Bartlett.
Cross, John.
Cunningham, Weir Burns.
Dick, Mitchell Innes.
Dow, William.
Duffy, Walter.
Edgar, Minna.
Forster, Louis Edward.
Gemmill, William.
Gordon, John Miller.
Haig, David.
Kelly, John Muir.
Leggatt, Alexander.
Lowson, William.
Menzies, Robert.
M'Cosh, Emilia Ann Eliza.
M'Kellar, John Matheson.
M'Murdo, Norman Thomas.
M'Neill, Daniel Frederick.
M'Vail, James Roy.
Sandler, David.
Schlomka, Robert Clemens James.
Scott, Archibald Campbell.
Scott, Martha Hunter.
Shepherd, Francis Wm. Scoresby.
Smart, Margaret Hossack.
Wallace, Edith Christine.
Wallace, Thomas Irby.
Watt, Alexander Brown.
Wright, Eldred.
Young, Watson.
Young, William.

BURSARY EXAMINATION.

October, 1896.

The figure (2) denotes Students of the second year.

The following are the first forty-nine names in the order of merit, viz.: -

1. Samuel F. H. Mackay, Glasgow Academy.
2. Daniel O'May, Hutchesons' Grammar School, Glasgow.
3. Robert B. Carslaw, Glasgow Academy.
4. Archibald D. Thomson, Rothesay Academy.
5. Dougald M'Quistan, Whitehill Public School, Glasgow.
6. Peter Ramsay, Whitehill Public School, Glasgow.
7. John Paul, Hutchesons' Grammar School, Glasgow.
8. David G. Taylor, Allan Glen's School, Glasgow.
9. James A. Milligan, Trinity College, Glenalmond.
10. Alexander Russell, Hutchesons' Grammar School, Glasgow.
11. William D. H. Stevenson (2), Hillhead Public School, Glasgow.
12. Francis P. H. Stirling, Paisley Grammar School.
13. Alexander Strachan, Whitehill Public School, Glasgow.
14. Robert Milne, Hutchesons' Grammar School, Glasgow.
15. James M. Clark, High School, Glasgow.
16. Hugh Watt, Kilmarnock Academy.
17. Alexander D. Morton, Pupil Teachers' Institute, Glasgow.
18. Thomas Paterson (2), High School, Glasgow.
19. Alexander Matheson, Ayr Academy.
20. Marshall N. Goold, Hutchesons' Grammar School, Glasgow.
21. James Jack, Whitehill Public School, Glasgow.
22. Thomas M. Smith (2), Dunoon Grammar School.
23. Edward Magoveny, Hutchesons' Grammar School, Glasgow.
24. John H. Barbour, Dumbarton Burgh Academy.
25. John L. Stewart, High School, Glasgow.
26. Hugh Kirkhope, Hutchesons' Grammar School, Glasgow.
27. Norman R. Mitchell, Fettes College, Edinburgh.
28. Thomas M. Hunter, Glasgow Academy.
29. Alexander Montgomerie, High School, Glasgow.
30. James W. M'Cutcheon (2), High School, Glasgow.
31. Brodie S. Gilfillan, High School, Glasgow.
32. James N. Brown, High School, Glasgow.
33. William R. Wiseman, High School, Glasgow.
34. William M. Brown, Dumbarton Burgh Academy.
35. James Scrymgeour, High School, Glasgow.
36. Andrew Campbell, Holmscroft Public School, Greenock.
37. James N. Stirling, Paisley Grammar School.
38. John Paton, Hutchesons' Grammar School, Glasgow.
39. George D. Turner, High School, Glasgow.
40. Peter G. Smith, Hutchesons' Grammar School, Glasgow.
41. George Stewart, Campbeltown Grammar School.
42. William S. Sutherland, Garnethill Public School, Glasgow.
43. William E. Busby (2), Dumfries Academy.
44. Wallace Fairweather, Allan Glen's School, Glasgow.
45. Douglas W. Hunter, Hutchesons' Grammar School, Glasgow.
46. Joseph Barnes, High School, Glasgow.
47. Francis J. Henry, St. Aloysius' College, Glasgow.
48. Theodore D. Lowe, Whitehill Public School, Glasgow.
49. Arthur S. Hutchison, High School, Stirling.

UNIVERSITY PRIZES.

I. FOR ESSAYS.

1. In Mental Philosophy, the UNIVERSITY SILVER MEDAL, for the best Essay on "Realism in Art and Literature."

Agnes Mary Tannahill, Glasgow.

2. The EWING GOLD MEDAL, for the best Essay on "The Causes of the Failure of the French in India in the Eighteenth Century."

John Lyle Morison, Greenock.

3. A COULTER PRIZE OF FIVE POUNDS, for the best Essay on "The Function of the Pulpit in the Present Day."

John Scoular Thomson, Kingarth, Bute.

4. A COULTER PRIZE OF FIVE POUNDS, for the best Translation into English of the three Speeches of Pericles in Thucydides I. 140—144, II. 35—46, and II. 60—64.

Peter William Monie, Irvine.

II. FOR EXAMINATION.

1. An ARNOTT PRIZE of £15, for an Examination in General Physics, open to Students of the first and second years of their Medical Studies.

Robert Macfarlane Clark, Glasgow.

2. An ARNOTT PRIZE of £25, for an Examination in Physiological Physics, open to Students of the third and fourth years of their Medical studies.

Alexander Laurie Watson, M.A., Ayr.

3. The FINDLATER (DIVINITY) SCHOLARSHIP, value £38, for Examination in the Subjects for the Degree of B.D.

John Lancelot Tulloch, M.A., Glasgow.

4. The JAMIESON PRIZE, value £10, for Examination in the Subjects for the Degree of B.D.

William J. N. Service, M.A., Glasgow.

5. The MACFARLAN AND COOK TESTIMONIAL PRIZE of £21, open to Theological Students of three years' standing. Examination in Greek, Moral Philosophy, Hebrew, Church History, and Divinity.

John Lancelot Tulloch, M.A., Glasgow.

6. The LUKE HISTORICAL PRIZE of £10, for the best Examination in Ancient Greek and Roman History.

Adam Bell Stewart, M.A., Glasgow.

7. The THOMAS LOGAN MEMORIAL MEDAL AND PRIZE of £12, to the most distinguished Graduate in Arts of the year (1896).

George Donald Valentine, M.A., Girvan, with First-Class Honours in Mathematics and Natural Philosophy.

8. The BRUNTON MEMORIAL PRIZE of £10, to the most distinguished Graduate in Medicine of the year (1896).

John Knight, M.B., C.M.

CLASS PRIZES.

Faculty of Theology.

DIVINITY.

PROFESSOR WILLIAM HASTIE, D.D.

SENIOR CLASS.

. Students of the Third Year :—

1. David Graham Webster, M.A., Helensburgh (Cleland and Rae Wilson Gold Medal and Dickson Prize).
2. John L. Tulloch, M.A., Glasgow.
3. William J. N. Service, M.A., Glasgow.
4. Andrew Watt, M.A., Strathaven.

Proxime accesserunt—Walter G. Forsyth, Falkirk ; Robert Montgomerie Hardie, M.A., Glasgow ; James Cleland, Glasgow.

Dowanhill Prizes of £21 and £10 10s. for Elocution :—

1. James Eadie, M.A., Glasgow.
2. Alexander M'Ara, Airdrie.

II. Students of the Second Year :—

1. Ephraim M. Henderson, Ayr.
2. David Swan, M.A., Greenock.
3. John Scoular Thomson, Kingarth.
4. Arthur S. Middleton, M.A., Glasgow.
5. John Paterson, M.A., Airdrie.

Proxime accesserunt—Archibald Hunter, M.A., Lamlash ; Coll A. Macdonald, M.A., Iona ; John R. Macgregor, Glasgow.

JUNIOR CLASS.

III. Students of the First Year :—

1. { Duncan Cameron, M.A., Greenock.
   { Dugald Clark, M.A., Islay.
2. William J. S. Miller, M.A., Glasgow.
3. Archibald Anderson, M.A., Dalmally.
4. David F. Liddle, M.A., Crieff.
5. John A. C. Mackellar, M.A., Glasgow.

Proxime accesserunt—David Preston, M.A., Airdrie ; Neil Ross, Broadford, Skye ; John K. Cameron, Rothesay ; James D. Mitchell, M.A., Beauly.

DIVINITY AND BIBLICAL CRITICISM.

PROFESSOR WILLIAM STEWART, D.D.

I. Written Examinations :—

SENIOR DIVISION.

1. David G. Webster, M.A., Helensburgh (Cleland and Rae Wilson Gold Medal).
2. John L. Tulloch, M.A., Glasgow.
3. { William J. N. Service, M.A., Glasgow.
   { Andrew Watt, M.A., Strathaven.

JUNIOR DIVISION.

1. Ephraim M. Henderson, Ayr.
2. David Swan, M.A., Greenock.
3. Coll A. Macdonald, M.A., Iona.
4. John S. Thomson, Kingarth.
5. John Paterson, M.A., Airdrie.

Proxime accesserunt—Arthur S. Middleton, M.A., Glasgow; Archibald Hunter, M.A., Lamlash.

II. Essays:—

1. John L. Tulloch, M.A.
2. Coll A. Macdonald, M.A.

Proxime accesserunt—David G. Webster, M.A.; John Paterson, M.A.; Andrew C. MacLean, Kintyre; James D. Macdonald, Greenock.

HEBREW AND SEMITIC LANGUAGES.

PROFESSOR JAMES ROBERTSON, D.D.

SENIOR HEBREW CLASS.

1. Robert Marcus Dickson, Glasgow (Cleland and Rae Wilson Gold Medal).
2. Donald J. Robertson, Broadford, Skye.
3. Ephraim M. Henderson, Ayr.
4. Robert Whiteford, Stewarton.
5. Archibald Hunter, M.A., Lamlash.

JUNIOR HEBREW CLASS.

1. William Scott, Lanark.
2. Ebenezer H. Fraser, Glasgow.
3. David F. Liddle, M.A., Crieff.
4. James D. Mitchell, M.A., Beauly.
5. Duncan Cameron, M.A., Greenock.
6. Peter Henderson, Bearsden.
7. Dugald Clark, M.A., Islay.

Next in Order of Merit—John A. MacCormick, M.A., Mull; Neil Ross, Broadford, Skye; John A. C. Mackellar, M.A., Glasgow.

ARABIC CLASS.

William J. S. Miller, M.A., Glasgow.

SPECIAL PRIZES.

1. For an Essay on the Book of Joel—John L. Tulloch, M.A., Glasgow; Robert Whiteford.

2. For an Original Composition in Hebrew—Robert Whiteford.

3. For Examination on Lectures on Old Testament Introduction—Robert Marcus Dickson.

4. For Examination on Lectures on the History of the Massoretic Text—Robert Marcus Dickson.

CHURCH HISTORY.

PROFESSOR ROBERT HERBERT STORY, D.D.

JUNIOR CLASS.

1. William J. S. Miller, M.A., Glasgow.
2. Duncan Cameron, M.A., Greenock.
3. Neil Ross, Broadford, Skye.
4. Dugald Clark, M.A., Islay.

Proxime accesserunt.

1. David F. Liddle, M.A., Crieff.
2. John A. C. Mackellar, M.A., Glasgow.
3. Archibald Anderson, M.A., Dalmally.
4. John K. Cameron, Rothesay.

SENIOR CLASS.

1. David G. Webster, M.A., Helensburgh (Cleland and Rae Wilson Gold Medal).
2. William J. N. Service, M.A., Glasgow. } Equal.
3. Andrew Watt, M.A., Strathaven. } Equal.
4. John L. Tulloch, M.A., Glasgow.

Proxime accesserunt.

1. Robert M. Hardie, M.A., Glasgow.
2. James Cleland, Glasgow.

Faculty of Law.

SCOTS LAW.

PROFESSOR ALEXANDER MOODY STUART, LL.D.

I. For Eminence in the Class Examinations :—

1. *William Lusk, M.A.
2. *Thomas R. Anderson, M.A. (Robert Ross Prize).
3. *James Adam, M.A. (Dean of Faculty's Prize). } Equal.
   *Irvine F. Edgar. } Equal.
5. *James Richardson. } Equal.
   *Matthew W. White. } Equal.
7. Peter Douglas.
8. John L. Wark, M.A.
9. James C. Fyfe.
10. Daniel K. Beveridge.
11. James Campbell, Jun.
12. Robert D. Whyte.
13. John S. Bannatyne. } Equal.
    Harry Jackson. } Equal.

The * denotes the Prizemen.

II. The Prizes given by the Faculty of Procurators in Glasgow, for Eminence in a Special Examination in the Subjects of the Course were awarded to :—

1. James Adam, M.A.
2. William Lusk, M.A.
3. Peter Douglas.
4. Matthew W. Whyte.
5. { Daniel K. Beveridge. / Irvine F. Edgar. } Equal.

The following Students distinguished themselves in this Examination, viz. :—

7. James Richardson.
8. John L. Wark, M.A.
9. James Campbell, Jun.
10. Thomas R. Anderson, M.A.
11. John S. Bannatyne.

CONVEYANCING.

PROFESSOR JAMES MOIR.

Ordinary Class Examinations.

Prizemen :—

1. Malcom Dunlop, M.A., Greenock (Robert Ross Prize).
2. Robert Welsh, Cumnock (Dean of Faculty's Prize).
3. John MacLay, St. Ninian's, Stirling.
4. Hugh Galloway, Ardrossan.
5. John B. Frew, Kilsyth.

Eminently distinguished :—

6. James Macpherson, Stirling.
7. Alexander M. MacRobert, M.A., Paisley.
8. Alexander Crawford, Girvan.
9. James C. Muirhead, Stirling.
10. John J. Todd, Paisley.
11. Hugh Black, Galston.
12. James Patrick, Dalry, Ayrshire.
13. James W. Neilson, Glasgow.
14. John Alston, Airdrie.
15. Alexander M'Cormick, Cambuslang.
16. Frederick H. M'Cosh, Rutherglen.

Special mention :—

17. John K. Galbraith, Maybole.

Examinations for Prizes given by the Faculty of Procurators in Glasgow :—

Prizemen :—

1. Malcom Dunlop, M.A.
2. Robert Welsh.
3. Alexander M. MacRobert, M.A.

Eminently Distinguished :—

4. James Macpherson.
5. John MacLay.
6. John Harrison, Glasgow.
7. Hugh Galloway.

CIVIL (OR ROMAN) LAW.

LECTURER—JAMES M. IRVINE, M.A., B.Sc., LL.B., ADVOCATE.

1. { *John Girvan, M.A.
   { *Gavin Scott.
3. *Thomas S. Haran.
4. *William Philips.
5. *Alexander Bain.
6. { William N. Raeburn.
   { Alexander Shaughnessy.
8. Alexander Colquhoun, M.A.
9. James T. Miller.
10. { William Scott.
    { Robert Tennent, M.A.
12. Alexander B. M'Lennan.
13. William Morrison, M.A.
14. Norman G. Lindsay.
15. { John Stewart, M.A.
    { John Gray, M.A.

The * denotes the prizemen.

PUBLIC INTERNATIONAL LAW.

LECTURER—WILLIAM GALBRAITH MILLER, M.A., LL.B., ADVOCATE.

FIRST-CLASS HONOURS.

1. { Archibald H. Charteris, M.A., Glasgow. } Equal.
   { William Lusk, M.A., Dumfries. }
2. William M. Murray, M.A., Glasgow.

INTERNATIONAL PRIVATE LAW.

Summer, 1896.

LECTURER—WILLIAM GALBRAITH MILLER, LL.B., ADVOCATE.

FIRST-CLASS HONOURS AND PRIZE.
Alexander M. MacRobert, M.A., Paisley.

SECOND-CLASS HONOURS.
Robert Tennent, M.A., Glasgow.
Thomas R. Anderson, M.A., Glasgow.
Jeffrey D. Bauchop, M.A., Glasgow.

CONSTITUTIONAL LAW AND HISTORY.

LECTURER—WILLIAM S. M'KECHNIE, M.A., LL.B., D.PHIL.

1. Alexander Shaughnessy (1st Prize).
2. { Thomas S. Haran, } 2nd Prize.
   { John Middleton, M.A. }
4. { Jonathan R. Anderson. } Equal.
   { William Morrison, M.A. }

HONOURS CLASS.

1. { John L. Morison. } Equal.
   { Gavin Scott. }

MERCANTILE LAW.

LECTURER—JAMES MACKENZIE.

1. James Campbell, Jun. (Prizeman).
2. Robert H. Galloway.
3. Thomas Blair.

Faculty of Medicine.

MEDALS AND CERTIFICATES OF MERIT.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

Summer Session, 1896.

PROFESSOR P. A. SIMPSON, M.A. (Cantab.), M.D.

FIRST-CLASS CERTIFICATES (in order of merit).

James A. Mitchell.
Peter D. Strachan, M.A.
James Rankin, B.Sc.
William H. Steel, B.A.
Robert Scott.

SECOND-CLASS CERTIFICATES (in order of merit).

Neil M'Callum.
James B. Miller.
John Crow. } Equal.
Thos. Hunter, M.A., B.Sc. }
Donald S. Sutherland.
William M. Lindsay.
John Henderson.
Alexander M. Lindsay.
Alexander Matheson.
John A. C. Macewen, B.Sc.
Peter L. L. Craig, M.A., B.Sc.

DISEASES OF WOMEN.

Summer Session, 1896.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLIST—John S. M'Kendrick.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

Samuel Anderson, B.Sc.
Francis J. Charteris.
Peter L. L. Craig, M.A., B.Sc.
George Hanson.
Thomas Hunter, M.A., B.Sc.
Archibald Mason.
Neil M'Callum.
John S. M'Kendrick.
James M'Queen, M.A.
Andrew C. Wilson, B.Sc.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

Hugh Calderwood, B.Sc.
John L. Carstairs, M.A.
James D. Cochran.
Walter S. Findlay, M.A.
John W. Munro.
John A. C. Macewen, B.Sc.
Laurence A. Mackenzie.
Norman Macnair, B.Sc.
Thomas D. Newbigging.
Robert Scott.
Joseph Sillars.
David L. Stevenson, M.A.
Walter L. Thomson.
William Watson.

MIDWIFERY.

PROFESSOR MURDOCH CAMERON, M.D.

MEDALLIST—Samuel M. Sloan.

FIRST-CLASS CERTIFICATES (alphabetically arranged).

John J. Buchan.
John Crow.
Kenneth M. Duncan.
John Henderson.
Alexander Matheson.
James B. Miller.
James Rankin, B.Sc.
Samuel M. Sloan.
John Wotherspoon.

SECOND-CLASS CERTIFICATES (alphabetically arranged).

Arthur J. Ballantyne.
William C. Burns.
George Clark.
James D. Cochran.
Walter Colquhoun, M.A.
William Duncan.
David S. Harvey.
Thomas Hunter, M.A., B.Sc.
John W. Little.
Norman E. H. Scott.
William H. Steele, B.A.
John M. Stewart.
Matthew L. Taylor.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR MATTHEW CHARTERIS, M.D.

FIRST-CLASS CERTIFICATES (in order of merit).

MEDALLIST—Alex. Laurie Watson, M.A.

George Gardner.
Alexander Wilson. } Equal.
William Broad.
William K. Hutton, M.A.
David M. Cowan.
Ebenezer Mitchell, M.A. } Equal.
James J. Smith.
Thomas B. Tierney.
Robert O. Whyte, M.A.

SECOND-CLASS CERTIFICATES (in order of merit).

Alexander S. Wells, M.A.
Hugh C. Ferguson.
Alfred G. Stewart.
John P. Duncan.
George M. Crawford.
John M'Gilchrist.
Henry T. Roberts. } Equal.
William A. Riddell.
John Gardner.

PRACTICAL PHARMACY.

Summer Session, 1896.

PROFESSOR MATTHEW CHARTERIS, M.D.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—Alex. Wilson.

FIRST-CLASS CERTIFICATES (in order of merit).

Alexander L. Watson, M.A.
John M'Gilchrist. } Equal.
Charles E. C. Stanford, B.Sc.
Andrew Love.
John S. Smith.
William Broad.
Anderson G. M'Kendrick.
John P. Duncan.
David M. Cowan. } Equal.
Alfred G. Stewart.
Hugh C. Ferguson.
Ebenezer Mitchell, M.A.

SECOND-CLASS CERTIFICATES (in order of merit).

Anthony Vost.
Norman F. Macleod.
John Reid.
John Craig.
George Alexander.

PRACTICE OF MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D., F.R.S.

MEDALLIST—William K. Hutton, M.A., Glasgow.

FIRST-CLASS CERTIFICATES (in order of merit).

1. William Webster, Coatbridge.
2. James A. Mitchell, Strabane, Co. Tyrone.
3. Thomas Hunter, M.A., B.Sc., Kilmarnock.
4. Peter D. Strachan, M.A., Barvas, Ross-shire.

SECOND CLASS CERTIFICATES (in alphabetical order).

Arthur J. Ballantyne, Glasgow.
James Barrowman, Glasgow.
William Bennett, Bathgate.
John Crow, Glasgow.
Kenneth M. Duncan, Glasgow.
Robt. Fullarton, M.A., Port-Glasgow.
John Henderson, Glasgow.
John W. Leitch, M.A., Port-Glasgow.
William G. Liston, India.
John A. C. Macewen, B.Sc., Glasgow.
Alexander Matheson, Coatbridge.
James B. Miller, Kirkintilloch.
William H. Steel, B.A., Creswick, Victoria, Australia.

CLINICAL MEDICINE.

PROFESSOR WILLIAM T. GAIRDNER, M.D., LL.D., F.R.S.

Summer Session, 1896.

MEDAL—James D. Cochran.

(Hugh Calderwood. B.Sc., *proxime accessit*).

FIRST-CLASS CERTIFICATES (in order of merit).

James D. Cochran.
Hugh Calderwood, B.Sc.
David Louis Cairns.
Samuel Prior.
Alexander B. Sloan.

SECOND-CLASS CERTIFICATES.

William M. Lindsay.
David J. Young.

Winter Session, 1896-97.

MEDALLIST—John Crow, Glasgow.

FIRST-CLASS CERTIFICATES.

Kenneth M. Duncan, Glasgow.
John Henderson, Glasgow.
Arthur J. Ballantyne, Glasgow. } Equal.
David S. Harvey, Glasgow. }

Special Prize for Notes of Clinical Lectures and Demonstrations :—
James Alston, Glasgow.

SECOND-CLASS CERTIFICATES (in alphabetical order).

John Aitken, Glasgow.
James Alston, Glasgow.
James Barrowman, Glasgow.
William Bennett, Bathgate.
John W. Little, Glasgow.
James B. Miller, Kirkintilloch.
Robert Scott, Carluke.

CLINICAL MEDICINE.

PROFESSOR THOMAS M'CALL ANDERSON, M.D.

Summer Session, 1896.

FIRST-CLASS CERTIFICATES (in order of merit).

SENIOR DIVISION.

1. Andrew C. Wilson, B.Sc.
2. Peter L. L. Craig, M.A., B.Sc.
3. Donald M. M'Rae. / John Wotherspoon. Equal.
4. Hugh Borland. / Alfred Charlton. Equal.

JUNIOR DIVISION.

1. Arthur J. Ballantyne.
2. William W. Keir.
3. Frederick E. Stokes.

Winter Session, 1896-97.

SENIOR DIVISION.

MEDALLIST—Robert Nelson.

FIRST-CLASS CERTIFICATES (in order of merit).

1. James M'Haffie.
2. David S. Service.
3. Andrew B. Murray.

JUNIOR DIVISION.

MEDALLIST—Alexander Wilson.

FIRST-CLASS CERTIFICATES (in order of merit).

1. David M. Cowan.
2. Alex. Laurie Watson, M.A.
3. George Gardner.

SURGERY.

PROFESSOR WILLIAM MACEWEN, M.D., LL.D., F.R.S.

SENIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. William Martin, M.A., B.Sc. (Medallist).
2. James D. Cochran.
3. Thomas Hunter, M.A., B.Sc. / William Glen Liston. Equal.
5. Murdo N. Macleod.
6. John W. Little.

COMMENDED.

7. Laurence A. Mackenzie.
William M. Lindsay. Equal.
9. William Wyper.
10. David J. Young.
David Louis Cairns. Equal.

JUNIOR DIVISION.

FIRST-CLASS CERTIFICATES.

*John A. C. Macewen, B.Sc.
1. James A. Mitchell (Medallist) Equal.
3. William Webster.
4. John R. Currie, M.A.
5. Neil M'Callum.
6. Arthur J. Ballantyne.
7. Alexander Matheson.
8. Walter L. Thomson.
James S. Beveridge. Equal.
10. Walter Colquhoun, M.A.

* Non-competitor.

COMMENDED.

11. Frederick E. Stokes.
Andrew Taylor.
John Aitken. Equal.
14. James B. Miller.
Thomas M. Strang. Equal.
16. Alexander S. Allan.
Alexander M. Lindsay.
William H. Steel, B.A.
John Crow. Equal.
20. Alfred D. Macnair.
21. John P. Duncan
Robert Carswell, M.A. Equal.
23. Kenneth M. Duncan.
24. Percival A. Mitchell.
Francis A. Innes.
John Henderson.
Robert A. H. Watson. Equal.
28. Charles E. C. Stanford, B.Sc.
29. Robert F. Ballantyne.
30. John Brunton.
Peter D. Strachan, M.A. Equal.
32. Francis Stevenson.
33. Alexander Lawrie.

CLINICAL SURGERY.

Professor William Macewen, M.D., LL.D. F.R.

SENIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. William Martin, M.A., B.Sc. (Medallist).
2. Thomas Hunter, M.A., B.Sc.
3. William Glen Liston.
4. James Strang.
5. Joseph A. Clarke.
6. William Duncan. Equal.
7. Norman E. H. Scott.
8. James M'Queen, M.A. Equal.
9. John Wotherspoon.
10. Robert Carswell, M.A.
11. Alexander B. Sloan.
12. Ernest Watt.
13. Lawrence W. Harrison. Equal.
14. James Wells.
15. Alexander S. Allan.
16. David Louis Cairns. Equal.

COMMENDED.

17. **Walter S. Findlay, M.A.**
18. James D. Cochran.
19. Adrian A. Forrester. } Equal.
20. William Wyper. } Equal.
21. William M. Lindsay. } Equal.
22. Samuel M. Sloan. } Equal.
23. Neil M'Callum. } Equal.
24. David J. Young.
25. **Thomas B. Garvie.**

JUNIOR DIVISION.

FIRST-CLASS CERTIFICATES.

1. ***John A. C. Macewen, B.Sc.**
2. **James Rankin, B.Sc. (Medallist).**
3. **William Webster.**

* Non-competitor.

COMMENDED.

4. **William C. Burns.** } Equal.
5. **John Reid.** } Equal.
6. David M'Kail.
7. **Alfred D. Macnair.** } Equal.
8. Alexander Waugh. } Equal.
9. Alexander M. Lindsay. } Equal.
10. James S. Beveridge. } Equal.
11. **John J. Buchan.**
12. **Thomas M. Strang.**

CLINICAL SURGERY.

PROFESSOR GEORGE BUCHANAN, M.A., M.D., LL.D.

SENIOR DIVISION.

UNIVERSITY MEDAL—James A. Mitchell.

FIRST-CLASS CERTIFICATES.

James H. Macdonald.
Frederick E. Stokes.

JUNIOR DIVISION.

UNIVERSITY MEDAL—**James Davidson, M.A.**

FIRST-CLASS CERTIFICATES.

James F. Bennett.
Charles C. Cuthbert, M.A.
John P. Duncan.
Archibald W. Harrington.
James D. Lickley.
*Wm. Seymour **MacMillan, M.A.**

* Mr. MacMillan died suddenly on 16th March.

PHYSIOLOGY.

PROFESSOR JOHN GRAY M'KENDRICK, M.D., LL.D., F.R.S.

JOHN HUNTER MEDALS AND FIRST-CLASS CERTIFICATES.

James C. Ross. } Equal.
Andrew Mair. } Equal.

FIRST-CLASS CERTIFICATES (in order of merit).

Edgar W. Sharp.
James Millar, M.A.

SECOND-CLASS CERTIFICATES (in order of merit).

William Gibson.
Allan Martin, M.A.
John D. Richmond.
Charles C. Cuthbert, M.A.
Henry T. Roberts.
Albert E. Wainwright.
Robert Clark.
Alexander Fraser, M.A.
Alexander Munro.
Peter Moir.
William B. I. Pollock.

PRACTICAL PHYSIOLOGY.

Summer, 1896.

JOHN HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.

Alexander Wilson.

FIRST-CLASS CERTIFICATES (in order of merit).

Hugh C. Ferguson.
James F. Bennett. }
Alexander L. Watson, M.A. } Equal.
John Craig.

SECOND-CLASS CERTIFICATES (in order of merit).

Ebenezer Mitchell, M.A.
George Gardner.
Isaac M. Huey.
Peter M'Fadyen.
James Scott, M.A.
Alexander S. Wells, M.A.
David M. Cowan.
Charles F. Maclean.

ADVANCED PRACTICAL PHYSIOLOGY.

Winter, 1896-97.

FIRST-CLASS CERTIFICATES (in order of merit).

Daisy A. M. Clark.
Robert G. White.
Sarah Davidson. }
John Wilson Leitch, M.A. } Equal.
Grace L. Young.

ANATOMY.

PROFESSOR JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S.

SENIOR CLASS.

MEDAL—John M'Gilchrist.

FIRST-CLASS CERTIFICATES OF MERIT.

David M. Cowan. }
Alex. Laurie Watson, M.A. } Equal.
Robert O. Whyte, M.A.
Allan Martin, M.A. }
John M'Millan. } Equal.

SECOND-CLASS CERTIFICATES OF MERIT.

William B. Thomson.
David J. Smith.
Robert Clark.
John P. Duncan. } Equal.
Charles P. Thomson. } Equal.

JUNIOR CLASS.

MEDAL—Alexander Munro.

SECOND-CLASS CERTIFICATES OF MERIT.

Charles C. Cuthbert, M.A.
Edgar W. Sharp.

EMBRYOLOGICAL ANATOMY.

Summer, 1896.

PROFESSOR JOHN CLELAND, M.D., LL.D., D.Sc., F.R.S., AND JAMES F. GEMMILL, M.A., M.B., C.M.

PRIZE—**Robert Fullarton, M.A.**

ADDITIONAL PRIZE—**Frederick E. Stokes.**

CERTIFICATES (in order of merit).

George Gardner. } Equal.
Alexander D. Thomson. } Equal.
Alexander S. Wells, M.A. } Equal.
Alexander Wilson. } Equal.
Archibald Jubb. } Equal.
John W. Leitch, M.A. } Equal.
Robert O. Whyte.
John Craig.

NATURAL HISTORY.

PROFESSOR JOHN YOUNG, M.D.

ZOOLOGY.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—David Kyle.

SECOND-CLASS CERTIFICATES.

Thomas R. Rodger.
Joseph G. Tomkinson.

PRACTICAL ZOOLOGY.

Summer, 1896.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE—David Kyle.

SECOND-CLASS CERTIFICATES.

John C. W. M'Neill.
Alexander V. Lothian, M.A.

Winter, 1896-97.

SECOND-CLASS CERTIFICATE—**Robert Ramsey.**

GEOLOGY.

WILLIAM HUNTER MEDAL AND FIRST-CLASS CERTIFICATE.
Cameron R. Gibson.

SECOND-CLASS CERTIFICATE—**John Maclean.**

BOTANY.

Professor F. O. Bower, Sc.D., F.R.S.

MEDAL—James D. Lickley.

SECOND-CLASS CERTIFICATES.

David Kyle.
John T. Clark.
James C. Ross.

PRACTICAL CLASS.

MEDAL—John D. Richmond.

SECOND-CLASS CERTIFICATES.

William H. Brown.
David Kyle.
George White.
Reginald N. Dunlop. } Equal.
John T. Clark.

HERBARIUM PRIZE—(No award).

PRACTICAL CHEMISTRY.

Summer, 1896.

Professor John Ferguson, M.A., LL.D., F.S.A.

JOSEPH BLACK MEDAL—Alexander Birch.

FIRST-CLASS CERTIFICATES.

Alexander Birch.
Thomas H. Jack.
Andrew Mair.
John D. Richmond.
George White.

SECOND-CLASS CERTIFICATES.

George H. Clark.
John Forrest.
James D. Lickley.
James M'Kinnon.
Duncan M. M'Rae, M.A.
John Stewart.
Hugh P. Wright.

CHEMISTRY.

Professor John Ferguson, M.A., LL.D., F.S.A.

JOSEPH BLACK MEDAL—Alexander V. Lothian, M.A.

FIRST-CLASS CERTIFICATES.

Alexander V. Lothian, M.A.
Alexander Maclean.
Archibald M. Macmillan.
James M'Pherson.
Robert B. Young.

SECOND-CLASS CERTIFICATES.

William Anderson.
Robert D. Campbell.
Robert Cumming, B.D.
Donald Douglas, M.A.
Stephen Hutchison.
Edward Magoveny.
William A. Milne.
Hugh Wallace.
John White.
Robert E. Workman.

PRACTICAL PATHOLOGY.

Professor Joseph Coats, M.D.

JOHN HUNTER MEDAL—William Webster.

FIRST-CLASS CERTIFICATES (in order of merit).

John Crow. }
Thomas Hunter, M.A., B.Sc. } Equal.
Kenneth M. Duncan.
Frederick E. Stokes.
James S. Beveridge.
John Henderson. }
Peter D. Strachan, M.A. } Equal.
Arthur J. Ballantyne. }
Robert F. Ballantyne. }
Ranald D. Campbell. } Equal.
Robert Fullarton, M.A. }
James B. Miller. }

PRIZES FOR SETS OF DRAWINGS.

1. (Three Guineas)—Arthur J. Ballantyne.
2. (One Guinea)—Thomas M. Strang.

SECOND-CLASS CERTIFICATES (in order of merit).

Thomas M. Strang.
Alfred D. Macnair.
Charles E. C. Stanford, B.Sc.
Robert Douglas, M.A.
Alexander Matheson. }
James A. Mitchell. } Equal.
John Aitken. }
Archibald Jubb. } Equal.
Andrew Taylor. }

PATHOLOGY.

Professor Joseph Coats, M.D.

MEDALLIST—Robert Fullarton, M.A.

FIRST-CLASS CERTIFICATES (in order of merit).

Frederick E. Stokes. }
Thomas M. Strang. } Equal.
John W. Leitch, M.A. }
James A. Mitchell. } Equal.
Ebenezer Mitchell, M.A.
George Gardner. }
Percival A. Mitchell. } Equal.
Robert Niven. }
Robert F. Ballantyne. }
Alexander Wilson. } Equal.
Francis A. Innes. }
Robert O. Whyte, M.A. } Equal.

SECOND-CLASS CERTIFICATES (in order of merit).

James Barrowman. }
John J. Buchan. } Equal.
Henry N. Turner. }
William K. Hutton, M.A. }
Percival L. Pearce. } Equal.
Robert A. H. Watson.
David S. Harvey. }
Chas. E. C. Stanford, B.Sc. } Equal.
George Alexander.
John Craig. }
John R. Currie, M.A. } Equal.
James Shearer. }
William Bennett. } Equal.
Alexander Garrow. }

PHYSICS.

Lecturer—Magnus Maclean, M.A., D.Sc., F.R.S.E.

JOSEPH BLACK MEDAL—William M. Brown.

FIRST-CLASS CERTIFICATES.

William Robertson.
Alexander Maclean.
William Archibald.
Archibald Gow. } Equal.
Allan H. Muir.
George S. Wallace.
Joseph G. Tomkinson.
Robert D. Campbell.

INSANITY.

LECTURER—DAVID YELLOWLEES, M.D., LL.D.

1. MACKINTOSH BURSAR—Thomas Hunter, M.A., B.Sc.

FIRST-CLASS CERTIFICATES.

2. James D. Cochran.
3. George Coats.
4. Jessie H. Smith.
5. George Clark.

SECOND-CLASS CERTIFICATES.

Walter S. Findlay, M.A.
James Alston.
Alexander B. Sloan.
Agnes R. Robson.
Francis J. Charteris.
William G. Liston.
Norman E. H. Scott.
Nora Kemp.
David Louis Cairns.

DISEASES OF THE EAR.

Summer, 1896.

LECTURER—THOMAS BARR, M.D.

PRIZES.

Norman Macnair, B.Sc.
David Louis Cairns.

FIRST-CLASS CERTIFICATES OF MERIT.

George Coats.
Matthew L. Taylor.

Winter, 1896-97.

PRIZES.

1. George Clark.
2. William Webster.

DISEASES OF THROAT AND NOSE.

LECTURER—JAMES WALKER DOWNIE, M.B.

Winter, 1896-97.

PRIZE AND FIRST-CLASS CERTIFICATE—James D. Cochran.

FIRST-CLASS CERTIFICATES.

James M'Queen, M.A.
David Louis Cairns. } Equal.
William G. Liston.
Walter S. Findlay, M.A.

SECOND-CLASS CERTIFICATES.

Alexander B. Sloan.
George Coats.
David M'Kail.
John Wotherspoon.

Faculty of Science.

ENGINEERING.

Professor Archibald Barr, D.Sc., M.Inst.C.E.

JUNIOR CLASS OF ENGINEERING DRAWING AND CALCULATIONS.

1. Alexander Norwell, Partick. | 2. Norman Dickson, Glasgow.

Next in Order of Merit.
Hjalmar Berg, Denmark.

SENIOR CLASS OF ENGINEERING DRAWING AND CALCULATIONS.

1, 2. { Peter Lowe, Glasgow.
Archibald Morven Macmillan, Glasgow.

ENGINEERING LABORATORY.

1. Andrew Marshall Downie, Glasgow.

Next in Order of Merit.

2. { Peter Lowe, Glasgow.
Owen R. Williams, Cathcart.

ENGINEERING—CLASS I.

1. William G. Strang, Uddingston. | 2. Peter Lowe, Glasgow.

Next in Order of Merit.
3. John Gordon Henderson, Glasgow.

ENGINEERING—CLASS II.

1. James Keith, Uddingston. | 2. Peter Lowe, Glasgow.

Next in Order of Merit.
3. John Nanscawen Dawe, Cornwall.

ENGINEERING—CLASS IV.

1. Richard H. M. Robinson, U.S. Navy. | 2. Owen R. Williams, Cathcart.

Next in Order of Merit.
3. Peter Lowe, Glasgow. | 4. James W. French, Glasgow.
5. Terugoro Fujii, I.J. Navy.

WALKER PRIZES IN ENGINEERING.

1. James H. Grieve, Greenock. | 2. James Keith, Glasgow.
3. Peter Lowe, Glasgow.

GEORGE HARVEY PRIZE (£20).

Owen R. Williams, Cathcart.

Next in Order of Merit.
James Keith, Uddingston.

NAVAL ARCHITECTURE, INCLUDING MARINE ENGINEERING.

PROFESSOR J. H. BILES.

SENIOR CLASS.

Holden A. Evans, U.S.A.

JUNIOR CLASS.

William A. Fairburn, U.S.A.

SENIOR DRAWING CLASS.

Laurence S. Adams, U.S.A.
José Giuliani, Argentine Republic.

ASTRONOMY.

PROFESSOR LUDWIG BECKER, Ph.D.

CERTIFICATE OF MERIT—Joseph Barr Paterson.

ELECTRICITY—PURE AND APPLIED.

Summer, 1896.

LECTURER—MAGNUS MACLEAN, M.A., D.Sc., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Adam G. Whyte, B.Sc.
David M. Stewart.

Faculty of Arts.

MATHEMATICS.

PROFESSOR WILLIAM JACK, LL.D.

ADVANCED HONOURS CLASS.

James C. Ker (Cunninghame Gold Medal).
Elizabeth P. Taylor (Prize for Second-Year Students).

INTERMEDIATE HONOURS CLASS.

1. *William G. Strang.
2. David K. Picken.
   David G. Taylor.
4. Thomas Pullar.

SECOND CLASS.

1. *Robert B. Carslaw (Div. B).
2. Colin M. Kesson (Div. A).
3. William Anderson
   Robert Milne (Div. B).
5. Francis P. H. Stirling (Div. A).
6. John Anderson (Div. B).
   Alexander D. Lindsay (Div. B).
   James Milroy (Div. A).
9. James A. R. Henderson (Div. B).
   Peter G. Smith (Div. B).
   Alexander Sinton (Div. A).

* Mr. Strang obtains the Senior, and Mr. Carslaw the Junior, Muir Bursary in Mathematics according to the conditions in the Calendar.

FIRST CLASS.

1. John T. Arnott.
2. Margaret H. Livingston.

Summer, 1896.

LECTURER—DANIEL LAMONT, M.A.

PRIZES.

1. Robert M. Dickson.
2. John Muir.

NATURAL PHILOSOPHY.

PROFESSOR LORD KELVIN, G.C.V.O., F.R.S.

ORDINARY COURSE.

1. David S. Paterson, Kippen (Cleland Gold Medal).
2. Joseph White, Glasgow.
3. Robert J. T. Bell, Hamilton.
   Thomas Pullar, Perth.
5. William Scott, Glasgow.
   Alexander Sellar, Glasgow.
7. Andrew J. C. Kerr, Glasgow.
   Frederick A. Watson, Glasgow.
9. Robert B. Young, Edinburgh.
10. Robert W. Stewart, Thorntonhall.

APPLIED HIGHER MATHEMATICS.

1. Walter Murray, Glasgow.
   James Muir, B.Sc., Glasgow.
3. James C. Ker, Kilwinning.
   Elizabeth P. Taylor, Helensburgh.

PHYSICAL LABORATORY.

John C. Ballantyne.
Robert M. Clark, Partick.

MORAL PHILOSOPHY.

PROFESSOR HENRY JONES, M.A., LL.D.

Prizes and First-Class Certificates of Merit for General Eminence in the Essays and Examinations of the Class.

1. (Buchanan Prize) John Edgar.
2. Hugh R. Buchanan.
3. Percy Hepburn.
   Archibald Main.
5. Helen M. Rule.
6. William Scott.
7. James Y. Wilson.
8. William J. Saull.

FIRST-CLASS CERTIFICATES OF MERIT (alphabetically arranged).

Robert M. Dickson.
Fergus Ferguson.
Ivy M'Kenzie.
John Murphy.

HONOURS CLASS.

EDWARD CAIRD MEDAL—Andrew Boyd Scott.

Next in Order of Merit.

James Johnston.

PRIZE FOR VACATION WORK.

Archibald Main.

POLITICAL ECONOMY.

Professor William Smart, M.A., LL.D., D.Phil.

1. James D. Cowan.
   William M. Wightman.
3. Norman Fleming.
4. Peter Auchinachie.
5. George Ogilvie.

LOGIC AND METAPHYSICS.

Professor Robert Adamson, M.A., LL.D.

PRIZES.

1. (The Buchanan Prize) Mabel Atkinson, Glasgow.
2. Alexander D. Lindsay, Glasgow.
3. William D. H. Stevenson, Glasgow. } Equal.
   William Fulton, Uddingston.
5. Matthew Babington, Kilwinning.
6. William H. Love, Greenock.
7. James C. Pairman, Glasgow.
8. Alexander Montgomerie, Partick.
9. Alexander Cross, Port-of-Monteith.
10. Hugh Brown, Paisley.
11. William Dick, Greenock.

CERTIFICATES OF MERIT.

1. David Bain, Bannockburn.
2. Jeanie Mair, Dreghorn, Ayrshire.
3. John Harvey, Ayr.
4. Alexander B. Mackay, Glasgow.
5. Isobel Yuill, Glasgow.
6. Maggie L. Anderson, E. Kilbride. } Equal.
   William Fulton, Glasgow.
8. Margaret E. Lindsay, Glasgow. } Equal.
   Elizabeth Hannah, Maybole.
10. John C. Russell, Greenock.

HONOURS CLASS.

DISTINGUISHED FOR MERIT IN ESSAYS.

1. William J. Saull, London.
2. James E. Henderson, Glasgow. } Equal.
   James Johnston, Glasgow.
   Robert L. Turner, Glasgow.

PRIZE FOR SUMMER ESSAY (Students of 1895-96).
Archibald Main, Partick.

ENGLISH LITERATURE.

Professor Andrew Cecil Bradley, M.A.

HONOURS CLASS.

William W. Fulton.
Henry Murphy.

Highly Commended.

John Lochhead.
Katharine T. M'Millan.

ORDINARY CLASS.

1. **Horace F. Wallace, M.A. (the Buchanan Prize).**
2. William Dick.
3. David B. Smith.
   David H. Tweeddale.
5. William H. Begg.
   James Faulds.
7. Hugh R. Buchanan.
   Robert W. M'Gill.
9. Charles H. Dyer.
   William G. Macalister.
   Archibald Main.

Highly Commended.

12. John Falconer.
13. Andrew M'Kerral.
14. Harry Diamond.
    Archibald M. Macmillan.

PHILOLOGY PRIZES.

1. David H. Tweeddale.
2. Thomas G. Wright.

VACATION WORK.

Session 1895-96.

William W. Fulton.

Session 1896-97.

Harry Diamond.
James Faulds.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

HONOURS CLASS.

1. Gavin Scott.
2. John L. Morison.

ORDINARY CLASS.

1. Percy Hepburn.
2. George Ogilvie.
3. Thomas Jones.
4. John Girvan, M.A.

Proxime accesserunt.

5. Duncan M'Taggart.
6. John W. Whyte.
7. Henry Murphy.
8. Walter Murray.
9. John Murphy.
10. John Gilmour.
11. Margret P. M'Phun.
12. Gordon B. Nielson.

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES.

1. Alexander Stevenson, B.Sc.
2. Thomas Neilson.
3. William Reid.
4. William Macnab.
5. James Chisholm.
6. Francis William Milne.

For Essay on the Functions of a University in its Various Relations to the Commonwealth.

1. John Gray.
2. William Reid.

FIRST-CLASS CERTIFICATES.

David Logan Blair.
John Gray.
Andrew M'Kerral.
William Edward Busby.

GREEK.

Professor George G. A. Murray, M.A.

I. Prizes for General Excellence in work during the Session.

Honours Class, 12 noon.

EXAMINATION PRIZES.

1. William H. Begg.
2. Helen Rutherfurd.
3. William A. Edward.
4. William Fulton (Glasgow).
5. James Sheridan.
6. William Fulton (Uddingston).
7. Ritchie Girvan.

COMPOSITION.

William Fulton (Uddingston).

John W. Henderson.

Senior Class, 8 a.m.

JEFFREY GOLD MEDAL—Samuel F. H. Mackay.

ORDINARY PRIZES.

1. Joseph Walker.
2. Daniel O'May.
3. Norman R. Mitchell.
4. William L. Thompson.
5. James A. Milligan.
6. Dougald B. M'Quistan.
7. Henry A. Inglis.
8. Thomas M'Ewan.
9. Thomas M. Smith.
10. Peter Ramsay.

COMPOSITION.

1. James A. Milligan.
2. Samuel F. H. Mackay.

Middle Class, 10 a.m.

SCOTT-MACFARLAN GOLD MEDAL—Archie D. Thomson.

ORDINARY PRIZES.

1. William R. Wiseman.
2. { Arthur S. Hutchison.
   William R. Merry.
4. Samuel Wilson.
5. Thomas R. M'Murtrie.

Junior Class, 12 noon.

ORDINARY PRIZES.

1. Thomas K. Wylie.
2. David G. Taylor.
3. John Safeley.

II. Prizes for Vacation Work.

1. Greek Prose—1. William Fulton (Uddingston).
   2. William H. Love.
2. Repetition of Sophocles, *Antigone*—No candidate.
3. Repetition of *Iliad* XXII.—No candidate.
4. Examination in Plato, *Protagoras*—William Fulton (Uddingston).
5. Examination in Fowler's "City State"—Andrew J. C. Kerr.

Blackstone Examination.

COWAN GOLD MEDAL—William Fulton (Glasgow).

Summer, 1896.

Lecturer—Ronald M. Burrows, M.A.

Prize—Hugh Brown.

HUMANITY.

Professor George G. Ramsay, M.A., LL.D., Litt.Doc.

I. Prizes for General Eminence during the Session.

Junior Class, 8 a.m.

1. John Safeley, Carluke (Carluke Public School).
2. Thomas K. Wylie, Beith (Kilbirnie High School).

Middle Class, 8 and 11 a.m.

1. Arthur S. Hutchison, Stirling (Stirling High School).
2. Andrew Shanks, Shotts (Uddingston Public School).
3. Samuel Wilson, Maybole (Ladyland Public School).
4. William R. Wiseman, Muirkirk (Glasgow High School).
5. William R. W. Merry, Irongray (Dumfries Academy).
6. Thomas R. M'Murtrie, Spitalfield (Spitalfield Public School).

Senior Class, 9 a.m.

1. Cowan Gold Medal and First Prize—William L. Thompson, Broughty-Ferry (Hutchesons' Grammar School).
2. Margaret L. Anderson, East Kilbride (Garnethill Public School).
3. Thomas M. Smith, Dunoon (Dunoon Grammar School).
4. Daniel O'May, Paisley (Hutchesons' Grammar School).
5. Samuel F. H. Mackay, Helensburgh (Glasgow Academy).
6. Archie D. Thomson, Bute (Rothesay Academy).
7. Francis W. Milne, Glasgow (Macduff Public School).
8. Richard L. Franks, Redcar (Redcar Grammar School).

Private and Honours Class, 1 p.m.

MUIRHEAD PRIZES.

Books—Juvenal I.—VII., Lucretius III., IV., Horace, *Epp.* I., Virgil, *Æneid* XII.

1. William Fulton, Uddingston (Glasgow High School).
2. James Sheridan, Paisley (Paisley Grammar School).
3. { Andrew J. C. Kerr, Glasgow (Free Church Normal College). } Equal.
   { Alexander D. Lindsay, Glasgow (Glasgow Academy). }

II. Latin Prose Composition. Senior Class.

SECTION I.

1. David L. Blair, Kilwinning (Garnethill Public School).
2. William Fulton, Uddingston (Glasgow High School).

SECTION II.

1. James M'Clelland, Ayr (Ayr Academy).

III. Vacation Exercises.

FOR THE BEST EXAMINATION IN CERTAIN PREPARED BOOKS.

OPEN TO SENIOR CLASS 1896-97.

Equal. { Duncan M'Taggart, Paisley (Neilston Institution).
{ William L. Thompson, Broughty-Ferry (Hutchesons' Grammar School).

LATIN PROSE.

1. Open to Senior Class 1895-96.
William Henderson Love, Airdrie (Greenock Academy).

2. Open to Senior Class 1896-97.
Henry Alexander Inglis, Middlesborough (Middlesborough High School).

Summer, 1896.

LECTURER—JOHN BROWN, M.A.

PRIZES.

1. Mabel Atkinson.	2. Hugh Brown.

WOMEN'S DEPARTMENT.

LATIN.

PROFESSOR G. G. RAMSAY, LL.D.; JOHN BROWN, M.A.; AND DANIEL RANKIN, B.A.

SENIOR CLASS.

Maggie L. Anderson—(see under Men's Department).

Summer, 1896.

Mabel Atkinson—(see under Men's Department).

GREEK.

PROFESSOR G. G. A. MURRAY, M.A., AND GEORGE MACDONALD, M.A.

HONOURS CLASS.

Helen Rutherfurd—(see under Men's Department).

ENGLISH LANGUAGE AND LITERATURE.

LECTURER—ADOLPHUS A. JACK, B.A.

PRIZES.

1. NICHOL MEMORIAL PRIZE.	Winifred Boyd. Maud G. May.	Equal.	3. Jessie L. Gilchrist. 4. Margaret M. Stark.

PRIZES FOR VACATION READING.

Summer, 1896.

1. Agnes M. Tannahill.	2. Winifred Boyd.

LOGIC AND METAPHYSICS.

PROFESSOR ROBERT ADAMSON, M.A., LL.D.

Mabel Atkinson -(See under Men's Department).

MORAL PHILOSOPHY.

PROFESSOR HENRY JONES, M.A., LL.D.

Helen M. Rule—(See under Men's Department).

MATHEMATICS.

PROFESSOR WILLIAM JACK, LL.D.; WILLIAM E. PHILIP, M.A.; AND WILLIAM A. LINDSAY, M.A.

ADVANCED HONOURS CLASS.

Elizabeth P. Taylor—(See under Men's Department).

FIRST CLASS.

Margaret H. Livingston—(See under Men's Department).

NATURAL PHILOSOPHY.

APPLIED HIGHER MATHEMATICS.

PROFESSOR LORD KELVIN, G.C.V.O., F.R.S.

Elizabeth P. Taylor—(See under Men's Department).

ORDINARY COURSE.

PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Gertrude D. Bostock.
Kate Fraser.
Isobel S. Kelly.

HISTORY.

PROFESSOR RICHARD LODGE, M.A.

Margret P. M'Phun —(See under Men's Department).

EDUCATION.

LECTURER—DAVID ROSS, M.A., B.Sc., LL.D.

PRIZES.

1. Jane B. Stewart.
2. Helen B. Hardie.
3. Jeanie Mair.
4. Isabella B. Blair.
5. Christina Merry.
6. Lavinia Stewart.
7. Alice M. Lochhead.

For Essay on the Functions of a University in its various relations to the Commonwealth—Jane B. Stewart.

FIRST-CLASS CERTIFICATES.

Nellie A. Black.
Elizabeth M. Lapraik.
Barbara W. Meiklejohn.
Elizabeth Hannah.
Margaret Thom.

CHEMISTRY.

LECTURER—THOMAS GRAY, B.Sc.

SYSTEMATIC.

FIRST-CLASS CERTIFICATES.

Agnes B. Sloan.
Gertrude D. Bostock.
Elizabeth M. Sloan.
Mary J. Pirret.

SECOND-CLASS CERTIFICATES.

Henrietta F. Young.
Margaret E. Bryson.
Elizabeth N. Ross.
Alice Moorhouse.

PRACTICAL.

FIRST-CLASS CERTIFICATES.

Mary J. Pirret.
Agnes B. Sloan.

SECOND-CLASS CERTIFICATES.

Margaret E. Bryson.
Jessie S. M'Ewen.
Alice Moorhouse.
Henrietta F. Young.

PHYSICS.

PROFESSOR JAMES BLYTH, M.A., F.R.S.E.

FIRST-CLASS CERTIFICATES.

Agnes B. Sloan.
Elizabeth M. Sloan.
Alice Moorhouse.

SECOND-CLASS CERTIFICATE—Henrietta F. Young.

ZOOLOGY.

PROFESSOR JOHN YOUNG, M.D., AND JAMES RANKIN, B.Sc.

SECOND-CLASS CERTIFICATES.

Mary F. Liston.
Christian C. W. Smith.
Jean M. F. Marshall.

BOTANY.

LECTURER—JOHN C. WILLIS, M.A.

SYSTEMATIC.

SECOND-CLASS CERTIFICATES.

Jean M. F. Marshall.
Mary F. Liston.
Edythe M. S. Walker.

PRACTICAL.

SECOND-CLASS CERTIFICATES.

Janie H. M'Ilroy.
Jeanie Auld.
Helen F. Leitch.

ANATOMY.

LECTURER—THOMAS H. BRYCE, M.A., M.B.

Winter, 1896-97.

SENIOR ANATOMY.

FIRST-CLASS CERTIFICATES.

Ina L. M'Neill.
Mabel Hardie.

JUNIOR ANATOMY.

FIRST-CLASS CERTIFICATES.

Margaret E. Bryson.
Agnes B. Sloan.
Elizabeth M. Sloan.

SECOND-CLASS CERTIFICATES.

Alice Moorhouse.
Elizabeth H. Smith.
Elizabeth N. Ross.

EMBRYOLOGY.

Summer, 1896.

FIRST-CLASS CERTIFICATE.

Ina L. M'Neill.

SECOND-CLASS CERTIFICATES.

Sara M. Robertson.
Gertrude F. F. Taylor.
Jessie S. B. Hunter.

PHYSIOLOGY.

PROFESSOR JOHN G. M'KENDRICK, M.D., LL.D., F.R.S., AND WILLIAM SNODGRASS, M.A., M.B.

FIRST-CLASS CERTIFICATE.

Alice Rosalie Walker.

SECOND-CLASS CERTIFICATES.

Jean M. F. Marshall.
Mary F. Liston.
Maud Spencer.

ADVANCED PRACTICAL PHYSIOLOGY.

Daisy A. M. Clark
Sarah Davidson
Grace L. Young
(See under Men's Department).

PRACTICAL PHYSIOLOGY.

Summer, 1896.

FIRST-CLASS CERTIFICATES.

Ina L. M'Neill.
Grace L. Young.
Jessie D. Granger. } Equal.
Mabel Hardie. } Equal.

SECOND-CLASS CERTIFICATES.

Sarah Davidson.
Gertrude F. F. Taylor.

MATERIA MEDICA AND THERAPEUTICS.

LECTURER—CHARLES O. HAWTHORNE, M.B.

FIRST-CLASS CERTIFICATES.

Jean M. F. Marshall.
Lizzie T. Fraser. }
Jessie S. B. Hunter. } Equal.
Gertrude F. F. Taylor.

SECOND-CLASS CERTIFICATES.

Sara M. Robertson.
Jeannie Grant.
Christian C. W. Smith.

PRACTICAL PHARMACY.

Summer, 1896.

FIRST-CLASS CERTIFICATES.

Jessie S. B. Hunter.
Ina L. M'Neill.

SECOND-CLASS CERTIFICATES.

Maud A. Richards.
Sara M. Robertson.
Gertrude F. F. Taylor.
Edythe M. S. Walker.
Margaret M. Ritchie.

PATHOLOGY.

LECTURER—CHARLES WORKMAN, M.D.

FIRST-CLASS CERTIFICATES.

Ina L. M'Neill.
Agnes F. Blackadder.
Marion J. Ross. }
Grace L. Young. } Equal.

SECOND-CLASS CERTIFICATES.

Jessie D. Granger.
Gertrude F. F. Taylor.
Maud Spencer.
Mary Gardner.
Margaret W. H. M'Neil.
Jeannie Grant.
Jessie S. B. Hunter.
Jean E. Prowse.
Auguste Boyes.
Annie L. M'Ilroy.

PRACTICAL PATHOLOGY.

Summer, 1896.

FIRST-CLASS CERTIFICATES.

Agnes F. Blackadder.
Daisy A. Bennett.
Jean E. Prowse.

SECOND-CLASS CERTIFICATES.

Jeannie Grant.
Jessie D. Granger.
Grace L. Young.
Catherine L. Smith.

PRIZES GIVEN BY DR. WORKMAN.

1. Agnes F. Blackadder.
2. Daisy A. Bennett.

SURGERY.

LECTURER—JAMES H. PRINGLE, M.B.

FIRST-CLASS CERTIFICATES.

Agnes F. Blackadder.
Mary Longmire.

SECOND-CLASS CERTIFICATES.

Eva M'Call.
Mabel C. Poulter.

MEDICINE.

Lecturer—J. Wallace Anderson, M.D.

FIRST-CLASS CERTIFICATES.

Agnes F. Blackadder.
Sara Whiteford.

SECOND-CLASS CERTIFICATES.

Annie L. M'Ilroy.
Jean E. Prowse.

MIDWIFERY AND DISEASES OF WOMEN.

Professor Murdoch Cameron, M.D., and J. M. M. Kerr, M.B.

FIRST-CLASS CERTIFICATE—Johanna F. Gilchrist.

SECOND-CLASS CERTIFICATES.

Agnes F. Blackadder.
Mary Longmire.
Mabel C. Poulter.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH.

Professor P. A. Simpson, M.A. (Cantab.), M.D., and Hugh Galt, M.B.

MEDAL—Daisy A. M. Clark.

FIRST-CLASS CERTIFICATES.

Daisy A. M. Clark.
Mabel C. Poulter.

SECOND-CLASS CERTIFICATE—Marion J. Ross.

INSANITY.

Jessie H. Smith
Agnes R. Robson (See under Men's Department).
Nora Kemp

OPHTHALMOLOGY.

Lecturer—A. Maitland Ramsay, M.D.

FIRST-CLASS CERTIFICATES.

Marion J. Ross.
Roberta H. M. Stewart.
Agnes F. Blackadder.
Eva M'Call.
Daisy A. Bennett.

SECOND-CLASS CERTIFICATES.

Mary Gardner.
Mabel C. Poulter.
Jean E. Prowse. } Equal.
Margaret W. H. M'Neil. }

PRIZES GIVEN BY DR. RAMSAY.

1. Marion J. Ross.
2. Roberta H. M. Stewart.

XII.—EXAMINATION QUESTIONS.

I. PRELIMINARY EXAMINATION IN ARTS AND SCIENCE.

ENGLISH.

Saturday, 27th March, 1897.

FIRST PAPER—9 TO 11 A.M.

(FIVE, *and not more than* FIVE, *questions are to be answered. Questions* 1, 2, *and* 6 *must be answered by all.*)

1. Write an essay, from two to three pages long, on one of the following subjects :—

   (*a*) The social condition of Rome as represented in *Coriolanus*.
   (*b*) The character of Louis XI. of France, or of Clive.
   (*c*) "To do a great right, do a little wrong."

2. Paraphrase :—

Such voluntary favours as our people
In duty aid us with, we never scattered
On cobweb parasites, or lavished out
In riot or a needless hospitality :
No undeserving favourite doth boast
His issues from our treasury ; our charge
Flows through all Europe, proving us but steward
Of every contribution which provides
Against the creeping canker of disturbance.
Is it not rare, then, in this toil of state
Wherein we are embarked, with breach of sleep,
Cares, and the noise of trouble, that our mercy
Returns not thanks nor comfort? Still the West
Murmur and threaten innovation.
Whisper our government tyrannical,
Deny us what is ours, nay, spurn their lives,
Of which they are but owners by our gift.

3. Give a *general* analysis of the following passage, and parse the words in italics :—

> In that fair clime, the lonely herdsman, *stretched*
> On the soft grass, through *half* a summer's day,
> With music lulled his indolent repose ;
> And, in some fit of weariness, *if* he,
> When his own breath was silent, chanced *to hear*
> A distant strain, *far* sweeter *than* the sounds
> Which his poor skill could make, his fancy fetched,
> *Even* from the blazing chariot of the sun,
> A beardless youth, who touched a golden lute,
> And filled the illumined groves with ravishment.

4. (*a*) Derive *eight* of the following words : metaphor, wanton, apathy, couch, enemy, malady, enormous, prose, chair, paradox, eclipse, sedition.

or (*b*) Point out, and give the force of, the prefixes and the suffixes in the following words : euthanasia, strange, bedazzle, syllable, aphelion, negotiate, poetaster, bliss, fruiterer, knowledge, integrate, absenteeism.

5. Give examples of nouns (*a*) used only in the plural ; (*b*) plural in form, but construed as singular ; (*c*) singular in form, but construed as plural ; (*d*) having two plural forms differing in meaning ; (*e*) having one plural form with two different meanings.

6. Correct, or improve, the following sentences, giving reasons for any changes you may make :—

(*a*) An ordinary reader would scarcely suppose that Shadwell, who is here meant by MacFlecknoe, was worth being chastised, and that Dryden, descending to such game, was like an eagle stooping to catch flies.

(*b*) Evelyn is one of those whose reputation, in his own day, was far higher than his fame or influence have since proved to be.

(*c*) Some there are, who, though they lead a single life, yet their thoughts do end with themselves, and account future times impertinences.

(*d*) Mr. Courthope does not try to extenuate or explain away Pope's moral delinquencies, but to put them in their proper place as parts of a very complex character.

SECOND PAPER—12 NOON TO 2 P.M.

(EIGHT, *and not more than* EIGHT, *questions are to be attempted. Of these* THREE *must be taken from Section A, and of the* THREE, 2 *or* 6 *must be* ONE, THREE *from Section B, and* TWO *from Section C.*)

A.

1. (*a*) Give some account of *one* of the following works : *The Shepherd's Calendar, Euphues and his England, Samson Agonistes, Absalom and Achitophel, A Tale of a Tub, The Excursion, Old Mortality, Sartor Resartus.*

or (*b*) Give some account of *two* of the following characters: Griselda, Polonius, Cordelia, Jaques, Sir Roger de Coverley, Sir Charles Grandison, Andrew Fairservice, George Warrington.

2. What are the most striking features in the characters of Créve-cœur, Lady Blanche, and Philip Ray?

3. How does Scott in *Quentin Durward* represent the Scottish character?

4. Illustrate, by reference to passages or scenes from *The Princess* and *Enoch Arden*, Tennyson's powers of natural description.

5. Give a full account of *one* of the following:—

(*a*) The scene in which Coriolanus addresses the people in the forum, and is sentenced to banishment.

(*b*) The interview between Louis XI. and Martius Galeotti, in which Galeotti saves his life.

(*c*) The career and character of Dupleix.

6. Give the meaning and context of the following passages:—

(*a*) Let them pronounce the steep Tarpeian death,
Vagabond exile, flaying, pent to linger
But with a grain a day, I would not buy
Their mercy at the price of one fair word.

(*b*) Far as the portal-warding lion-whelp,
And peacock-yew tree of the lonely Hall,
Whose Friday fare was Enoch's ministering.

(*c*) For she that out of Lethe scales with man
The shining steps of Nature, shares with man
His nights, his days, moves with him to one goal,
Stays all the fair young planet in her hands,—
If she be small, slight-natured, miserable,
How shall men grow?

(*d*) How now, ye porkers of Liège! ye wallowers in the mud of the Maes! Do ye dare to mate yourselves with the Wild Boar of Ardennes?

(*e*) "Omichund," said Mr. Scrafton in Hindostanee, "the red treaty is a trick. You are to have nothing."

B.

7. Write a short account of the character and career of Archbishop Laud.

8. Write brief notes on *five* of the following: Hampton Court Conference, Solemn League and Covenant, Declaration of Indulgence, Test Act, Pride's Purge, Battle of Philiphaugh, Treaty of Dover, Battle of Drumclog, Siege of Londonderry.

9. Write brief notes on *five* of the following: Claverhouse, Shaftesbury, Pym, Clarendon, Danby, Monmouth, David Leslie, Ireton, Montrose, Jeffreys.

10. Write an account of the progress of events from the Battle of Naseby to the Battle of Dunbar.

11. Sketch the main incidents in the struggle between Presbyterianism and Episcopacy in Scotland during the seventeenth century.

12. What constitutional and social changes followed the Revolution of 1689?

C.

13. Describe the coast of Britain from Aberdeen to Hull, mentioning the chief ports in order, with the main trade of each.

14. Give an account of the physical geography of Australia, and of its political divisions and government.

15. Describe (or draw a map of) the basins of *three* of the following rivers; in each case indicating the position, and the historical or commercial importance of the principal towns: Severn, Forth, St. Lawrence, Irrawady, Po, Elbe.

16. Give an account of the physical and geographical conditions that determine the temperature, rainfall, and productiveness of any place: and give examples to illustrate your answer.

LOWER LATIN.

Monday, 29*th March*, 1897.—9 A.M. TO 12 NOON.

I. Translate into English:—

[A MEETING BETWEEN PERSEUS, SON OF PHILIP, KING OF MACEDONIA, AND ROMAN AMBASSADORS, HEADED BY MARCIUS.]

Post dies paucos ad constitutum locum venerunt. Magnus comitatus fuit regius, cum amicorum, tum satellitum turba stipante. Non minore agmine legati venerunt, et ab Larissa multis prosequentibus et legationibus civitatium quae convenerant *Larissam* et renuntiare domum certa quae *audissent* volebant. Inerat cura insita mortalibus *videndi* congredientes nobilem regem et populi principis terrarum omnium legatos. Postquam in conspectu steterunt, dirimente amne, paullisper *internuntiando* cunctatio fuit, *utri* transgrederentur. Ioco Marcius cunctantes movit. "Minor," inquit, "ad maiorem et" (quod Philippo ipsi cognomen erat) "filius ad patrem transeat." Facile persuasum id regi est. Aliud deinde ambigebatur, cum quam multis transiret. Rex cum omni comitatu transire volebat; legati vel cum tribus venire iubebant, vel, si tantum agmen traduceret, obsides *daret* nihil fraudis fore in colloquio. Hippiam et Pantauchum, principes amicorum, obsides dedit. Salutatio non tanquam hostium, sed hospitalis ac benigna fuit; positisque sedibus consederunt. —LIVY XLII. 39.

Parse *videndi* and *utri*. Account for the case of *Larissam* and *internuntiando*, and for the mood of *audissent* and *daret*.

II. Translate into Latin:—

Lucius, the Roman general, who had taken Caius under his protection as his slave, was the first who spoke to the king. He was a man of high courage and noble dignity, and this was his speech to the king:—

"I hear that you never pardon your prisoners, but condemn them all to death. I am a Roman, and will suffer death with a Roman's fortitude. But there is one thing which I do entreat." Then, bringing Caius before the king, "This boy," said he, "is a Briton born. He is my slave. Never master had a slave so kind, so diligent on all occasions, so true. He hath done no Briton wrong, though he hath served a Roman. Save him, if you spare no one else." The king looked earnestly on Caius, and said: "I know not why or wherefore I say, Live, boy; but I give you your life."

III. GRAMMAR.

1. Decline the singular of *domus*, *iusiurandum*, *requies*. Give genitive singular, gender, and meaning of *decus*, *foedus*, *plus*, *tellus*, *tribus*, *virus*.

2. Give the genitive singular masculine, accusative plural masculine, and meaning of *impiger*, *liber*, *mortifer*, *neuter*, *pauper*, *pedester*. Give Latin for *the half of the day*, *three-fourths of the army*.

3. Show by one example of each, the mode of formation of the future participle active, and of the gerundive. Conjugate, giving meanings: *consederunt*, *insito*, *iubebant*; *arcesso*, *lavo*, *morior*, *orior*, *uro*.

4. Distinguish *ille*, *iste*, and *tuus*; *uter*, *uterque*, *utervis*. Write short sentences, translating them, to show the case-construction of *doceo*, *fungor*, *interest*, *taedet*.

IV. SENTENCES.

Translate into Latin:—

1. He sent to ask where he was to go.

2. I would give something not to go on this journey.

3. Such a thing is too trifling to make any difference.

4. After the consul had departed all expected that the conference would be broken up.

HIGHER LATIN.

Tuesday, 30th March, 1897.

FIRST PAPER—9 TO 11 A.M.

I. For Latin prose:—

When the consul had ended, Catilina, with downcast looks and suppliant voice, begged the senate not too hastily to believe everything about him. He sprang (he said) from such a family, he had so lived from his youth up, that he might hope for every success. They could not think that he, a patrician, who like his ancestors had established high claims upon the people, could need the overthrow of the republic, whilst M. Tullius, an immigrant into the city of Rome, threw himself forward as its saviour. He was ready to proceed to further insults, when the whole senate interrupted him with a cry of indignation, calling him enemy and traitor. He rushed immediately out of the assembly, addressed a few farewell words to his trustiest friends, to whom he promised an early return at the head of an army, and the same night set out with a few followers to the camp of Manlius. Even outside the capital he continued the game of deception, and wrote on his journey to the most distinguished men at Rome, that, a victim to hostile intrigues and calumnies, he was yielding to the force of circumstances, and was on his way to exile at Massilia. His confidants in Rome had spread the same rumour immediately after his departure.

II. Grammar.

1. (*a*) Give chief parts of *ordior*, *sisto*, *lavo*, *como*, *cieo*.
   (*b*) Parse *orĕris*, *expergiscimini*, *ausis*, *sata*, *mementote*.
   (*c*) Show by examples the force of the terminations *-bundus*, *-trum*, *-trix*, *-sco*, *-urio*.
2. (*a*) Distinguish *praedico* and *praedīco*, *irrito* and *irrīto*, *plăcet* and *plācet*, *ăras* and *āras*.
   (*b*) Translate and show the force of the cases :—

Non erat *solvendo*.	Duumviri *sacris faciundis*.
Heres *ex asse*.	*E republica*.
Nihili te aestimo.	Doctus *sermones* utriusque linguae.

3. (*a*) Make sentences to show the use of *dum*, *priusquam*, *quin*, (1) with indicative ; (2) with subjunctive.
   (*b*) What is the force of the tense in :—
   Haec Kalendis Aprilibus *scribebam*.
   Quemcumque fugientem *viderant*, obtruncabant.
   Fuimus Troes, fuit Ilium.
   Si Mutinam expugnaverit, bellum *confecerit*.

SECOND PAPER—12 NOON TO 2 P.M.

I. Translation.

1. **Translate into English :—**

[Metellus gives his Army a chance to retrieve their Defeat.]

"Non equidem mihi cum exercitu meo loqui videor nec cum Romanis militibus ; corpora tantum atque arma sunt eadem. An, si eosdem animos habuissetis, terga vestra vidisset hostis, signa alicui manipulo aut cohorti abstulisset? Adhuc caesis legionibus Romanis gloriabatur : vos illi hodierno die primum fugati exercitus dedistis decus." Clamor inde ortus, ut veniam eius diei daret ; ubi vellet deinde experiretur militum suorum animos. "Ego vero experiar," inquit, "milites, et vos crastino die in aciem educam, ut victores potius quam victi veniam impetretis quam petitis." Cohortibus quae signa amiserant hordeum dari iussit centurionesque manipulorum, quorum signa amissa fuerant, destrictis gladiis discinctos destitui iussit et ut postero die omnes, equites pedites, armati adessent edixit. Ita contio dimissa fatentium, iure ac merito sese increpitos neque illo die virum quemquam in acie Romana fuisse praeter unum ducem, cui aut

morte satisfaciendum aut egregia victoria esset. Postero die ornati armatique ad edictum aderant. Imperator eos conlaudat pronuntiatque, a quibus orta pridie fuga esset cohortesque, quae signa amisissent, se in primam aciem inducturum: edicere iam sese, omnibus pugnandum ac vincendum esse et adnitendum singulis universisque, ne prius hesternae fugae quam hodiernae victoriae fama Romam perveniat.

2. Translate also:—

[EVANDER TELLS OF HIS COUNTRY'S PAST.]

Exim se cuncti divinis rebus ad urbem
perfectis referunt. Ibat rex obsitus aevo.
Miratur facilisque oculos fert omnia circum
Aeneas capiturque locis et singula laetus
exquiritque auditque virum monimenta priorum.
Tum rex Euandrus, Romanae conditor arcis,
"haec nemora indigenae fauni nymphaeque tenebant
gensque virum truncis et duro robore nata,
quis neque mos neque cultus erat, nec iungere tauros
aut componere opes norant aut parcere parto,
sed rami atque asper victu venatus alebat.
Primus ab aetherio venit Saturnus Olympo,
arma Iovis fugiens et regnis exul ademptis.
Is genus indocile ac dispersum montibus altis
composuit legesque dedit Latiumque vocari
maluit, his quoniam latuisset tutus in oris.
Aurea quae perhibent illo sub rege fuere
saecula. Sic placida populos in pace regebat,
deterior donec paulatim ac decolor aetas
et belli rabies et amor successit habendi."

II. SENTENCES.

1. It is said that if this friend had not failed him, Clive would not have committed suicide.

2. Our fathers had the laudable custom of hearing both sides when a man was on trial.

3. You are a fool to expect us to believe such a strange story.

4. The more powerful you are, the more merciful should you show yourself.

5. Your sins will all be pardoned if only you repent of them.

LOWER GREEK.

Saturday, 27th March, 1897.—3 TO 6 P.M.

I. TRANSLATION.

Translate into English:—

Ἦν δέ τις Ἀπολλοφάνης Κυζικηνός, ὃς καὶ Φαρναβάζῳ ἐντύγχανεν ἐκ παλαιοῦ ξένος ὢν καὶ Ἀγησιλάῳ κατ᾽ ἐκεῖνον τὸν χρόνον ξένος ἐγένετο. οὗτος οὖν εἶπε

πρὸς τὸν Ἀγησίλαον, ὡς οἴοιτο συναγαγεῖν αὐτῷ ἂν εἰς λόγους περὶ φιλίας Φαρνάβαζον. ὡς δ᾽ ἤκουσεν αὐτοῦ, σπονδὰς λαβὼν καὶ δεξιὰν παρῆν ἄγων τὸν Φαρνάβαζον εἰς συγκείμενον χωρίον, ἔνθα δὴ Ἀγησίλαος καὶ οἱ περὶ αὐτὸν τριάκοντα χαμαὶ ἐν πόᾳ[1] *τινὶ κατακείμενοι ἀνέμεινον. ὁ δὲ Φαρνάβαζος ἧκεν ἔχων στολὴν πολλοῦ χρυσοῦ ἄξιον. ὑποτιθέντων δὲ αὐτῷ τῶν θεραπόντων ῥαπτά,*[2] *ἐφ᾽ ὧν καθίζουσιν οἱ Πέρσαι μαλακῶς, ᾐσχύνθη ὁρῶν τὸν Ἀγησίλαον· ἐκάθητο οὖν καὶ αὐτὸς ὥσπερ εἶχε χαμαί. καὶ πρῶτον μὲν ἀλλήλους χαίρειν προσεῖπαν, ἔπειτα τὴν δεξιὰν προτείναντος τοῦ Φαρναβάζου ἀντιπροὔτεινε καὶ ὁ Ἀγησίλαος. μετὰ δὲ τοῦτο ἤρξατο λόγου ὁ Φαρνάβαζος· καὶ γὰρ ἦν πρεσβύτερος· Ὦ Ἀγησίλαε καὶ πάντες οἱ παρόντες Λακεδαιμόνιοι, ἐγὼ ὑμῖν, ὅτε τοῖς Ἀθηναίοις ἐπολεμεῖτε, φίλος καὶ σύμμαχος ἐγενόμην, καὶ τὸ μὲν ναυτικὸν τὸ ὑμέτερον χρήματα παρέχων ἰσχυρὸν ἐποίουν, ἐν δὲ τῇ γῇ αὐτὸς ἀπὸ τοῦ ἵππου μαχόμενος μεθ᾽ ὑμῶν εἰς τὴν θάλατταν κατεδίωκον τοὺς πολεμίους. τοιοῦτος δὲ γενόμενος νῦν οὕτω διάκειμαι ὑφ᾽ ὑμῶν, ὥστ᾽ οὐδὲ δεῖπνον ἔχω ἐν τῇ ἐμαυτοῦ χώρᾳ, εἰ μή τι ὧν ἂν ὑμεῖς λίπητε συλλέξομαι, ὥσπερ τὰ θηρία.*

XEN. *Hellenica*, IV. i. 29-33.

[1] *πόα* = grass. [2] *ῥαπτά* = rugs.

II. GRAMMAR.

1. Give accusative singular and dative plural of *τυραννίς, τριήρης, νομοθέτης, Δωριεύς, εἰκών, πέλεκυς, τέρας, ψῦχος, ταχύτης, μάρτυς, δένδρον, οἶς.*

2. Compare *βαθύς, εὔνους, ἡσυχῶς, πρωί.* Give datives, singular and plural (all genders), of *πᾶς, ἵλεως, λύσας, διδούς.* Give Greek equivalents of *quantus* (*how great?*), *qualis* (*of what kind?*), *quando* (*when?*), *quo* (*whither?*).

3. Give 1st pers. sing. indic. mood of the future, aorist, perfect active, and perfect passive, of *πίπτω, ἁμαρτάνω, γιγνώσκω, παυατρέχω, ἀπόλλυμι, νομίζω, πίμπλημι, ῥέω.*

4. Form (*a*) 3rd pers. sing. and plur. imperf. indic. active of *δηλόω, ὁράω, ἀφίστημι, οἰκοδομέω.*

(*b*) 2nd pers. sing. and plur. perf. imperative passive of *θύω, φαίνω, πειράω, ζεύγνυμι.*

(*c*) 2nd aor. inf. and partic. active of *βαίνω, τυγχάνω, πείθω, ἐσθίω.*

5. Distinguish *ᾖσαν* and *ἴεσαν*, *ὄντος* and *ἰόντος*, *τῷ* and *τῳ*, *ἵστη* and *ἱστῇ*.

6. Translate *μεῖζον ἢ κατ᾽ ἄνθρωπον, ζῆν κατὰ τοὺς νόμους, ἐπ᾽ ἐμοῦ ἐγένετο, πάντες ἐπί σοι ἐσμέν.*

III. SENTENCES.

1. Don't tell him that you once were rich.
2. I will not go away unless you bid me.
3. We all know that this wall was made by Balbus.
4. The strangers asked him who he was.
5. May all perish who do such deeds.

HIGHER GREEK.

Wednesday, 31*st March*, 1897.

FIRST PAPER—9 TO 11 A.M.

1. **Translate :—**

Ἔτι γὰρ ταπεινῆς οὔσης τῆς Ἑλλάδος ἦλθον εἰς τὴν χώραν ἡμῶν Θρᾷκες μὲν μετ᾽ Εὐμόλπου τοῦ Ποσειδῶνος, Σκύθαι δὲ μετ᾽ Ἀμαζόνων τῶν Ἄρεως θυγατέρων, οὐ κατὰ τὸν αὐτὸν χρόνον ἀλλὰ καθ᾽ ὃν ἑκάτεροι τῆς Εὐρώπης ἐπῆρχον, μισοῦντες μὲν ἅπαν τὸ τῶν Ἑλλήνων γένος, ἰδίᾳ δὲ πρὸς ἡμᾶς ἐγκλήματα ποιησάμενοι, νομίζοντες ἐκ τούτου τοῦ τρόπου πρὸς μίαν μὲν πόλιν κινδυνεύσειν, ἁπασῶν δ᾽ ἅμα κρατήσειν. οὐ μὴν κατώρθωσαν, ἀλλὰ πρὸς μόνους τοὺς προγόνους τοὺς ἡμετέρους συμβαλόντες ὁμοίως διεφθάρησαν, ὥσπερ ἂν εἰ πρὸς ἅπαντας ἀνθρώπους ἐπολέμησαν. δῆλον δὲ τὸ μέγεθος τῶν κακῶν τῶν γενομένων ἐκείνοις· οὐ γὰρ ἄν ποθ᾽ οἱ λόγοι περὶ αὐτῶν τοσοῦτον χρόνον διέμειναν, εἰ μὴ καὶ τὰ πραχθέντα πολὺ τῶν ἄλλων διήνεγκεν. λέγεται δ᾽ οὖν περὶ μὲν Ἀμαζόνων, ὡς τῶν μὲν ἐλθουσῶν οὐδεμία πάλιν ἀπῆλθεν, αἱ δ᾽ ὑπολειφθεῖσαι διὰ τὴν ἐνθάδε συμφορὰν ἐκ τῆς ἀρχῆς ἐξεβλήθησαν, περὶ δὲ Θρᾳκῶν, ὅτι τὸν ἄλλον χρόνον ὅμοροι προσοικοῦντες ἡμῖν τοσοῦτον διὰ τὴν τότε στρατείαν διέλιπον ὥστ᾽ ἐν τῷ μεταξὺ τῆς χώρας ἔθνη πολλὰ καὶ γένη παντοδαπὰ καὶ πόλεις μεγάλας κατοικισθῆναι.

2. **Translate** ***one*** **of the following passages :—**

(*a*) Ὦ χαῖρε, πρέσβυ, χαῖρε καὶ δίδασκέ μοι
τοιούσδε τούσδε παῖδας εἰς τὸ πᾶν σοφοὺς
ὥσπερ σύ, μηδὲν μᾶλλον· ἀρκέσουσι γάρ.
πειρῶ δὲ σῶσαι μὴ θανεῖν πρόθυμος ὤν·
σοὶ παῖδές ἐσμεν· σαῖν χεροῖν τεθραμμεθα.
ὁρᾷς δὲ κἀμὲ τὴν ἐμὴν ὥραν γαμου
διδοῦσαν ἀντὶ τῶνδε κατθανουμένην.
ὑμεῖς δ᾽ ἀδελφῶν ἡ παροῦσ᾽ ὁμιλία,
εὐδαιμονοῖτε, τήν τ᾽ ἔσω γραῖαν δόμων
τιμῶτε πατρὸς μητέρ᾽ Ἀλκμήνην ἐμοῦ
ξένους τε τούσδε. κἂν ἀπαλλαγὴ πόνων
καὶ νόστος ὑμῖν εὑρεθῇ ποτ᾽ ἐκ θεῶν,
μέμνησθε τὴν σώτειραν ὡς θάψαι χρεών.
μάλιστά τοι δίκαιον· οὐ γὰρ ἐνδεὴς
ὑμῖν παρέστην, ἀλλὰ προὔθανον γένους.
τάδ᾽ ἀντὶ παίδων ἐστί μοι κειμήλια
καὶ παρθενείας, εἴ τι δὴ κάτω χθονός.

(*b*) Ὣς ἄρα μιν Πριάμοιο προσηύδα φαίδιμος υἱός,
λισσόμενος ἐπέεσσιν· ἀμείλικτον δ᾽ ὄπ᾽ ἄκουσε·
Νήπιε, μή μοι ἄποινα πιφαύσκεο, μηδ᾽ ἀγόρευε·
πρὶν μὲν γὰρ Πάτροκλον ἐπισπεῖν αἴσιμον ἦμαρ,
τόφρα δέ μοι πεφιδέσθαι ἐνὶ φρεσὶ φίλτερον ἦε
Τρώων, καὶ πολλοὺς ζωοὺς ἕλον, ἠδὲ πέρασσα·
νῦν δ᾽ οὐκ ἔσθ᾽, ὅστις θάνατον φύγοι, ὅν κε θεός γε
Ἰλίου προπάροιθεν ἐμῇς ἐν χερσὶ βάλῃσι,
καὶ πάντων Τρώων, πέρι δ᾽ αὖ, Πριάμοιό γε παίδων.
ἀλλά, φίλος, θάνε καὶ σύ· τίη ὀλοφύρεαι οὕτως;
κάτθανε καὶ Πάτροκλος, ὅπερ σέο πολλὸν ἀμείνων.

οὐχ ὁράᾳς, οἷος κἀγώ, καλός τε, μέγας τε,
πατρὸς δ' εἴμ' ἀγαθοῖο, θεὰ δέ με γείνατο μήτηρ·
ἀλλ' ἔπι τοι καὶ ἐμοὶ θάνατος καὶ Μοῖρα κραταιὴ
ἔσσεται, ἢ ἠώς, ἢ δείλη, ἢ μέσον ἦμαρ,
ὁππότε τις καὶ ἐμεῖο Ἄρει ἐκ θυμὸν ἕληται,
ἢ ὅγε δουρὶ βαλών, ἢ ἀπὸ νευρῆφιν ὀϊστῷ.

SECOND PAPER—12 NOON TO 2 P.M.

I. SENTENCES.

1. The messengers reported that fewer arms had been found in the camp than might have been expected from the number of the enemy.

2. The king would give anything to destroy the army of the Lacedaemonians, believing that he would thereby *strike such terror* (*ἐκπλήσσειν*) *into* the rest of the Greeks that no one would oppose him further.

3. If our allies had not entered the city unobserved by the Athenians, it would have been necessary for us to effect our retreat with all speed.

4. To our appeals for help the general replied that he did not know himself where to turn to: for Philip was more powerful than ever, and had ravaged the country more severely than any other single person.

5. Would that our ships had never sailed to Sicily! Our city would not have been humbled (*ταπεινόω*), and we should have gained the advantage over the Lacedaemonians in the war.

II. GRAMMAR.

1. Give the principal parts of: *ἁλίσκομαι, βλώσκω, δάκνω, καίω, λαγχάνω, ὀρύσσω, πίμπλημι, φθάνω.*

2. Distinguish *μισθοῦν, μισθοῦσθαι: λανθάνειν, λανθάνεσθαι: διαφέρειν τινος, διαφέρειν τινι: μεμνῆσθαι, μνησθῆναι: αἰσχύνομαι ποιεῖν, αἰσχύνομαι ποιῶν.*

3. Translate and explain the syntax of: (*a*) *οὐδενὶ ὅτῳ οὐκ ἀπεκρίνατο*: (*b*) *πόλλ' ἂν ἔχων εἰπεῖν, σιωπῶ*: (*c*) *ἄξιον ἦν παρεῖναι ἵνα ἤκουσας*: (*d*) *ἄχρηστος γυναιξί, μὴ ὅτι ἄνδρασι*: (*e*) *βούλει οὖν αὐτὸν πειθωμεν.*

4. Give the Greek for: At sunset; You are come in good time; To my thinking; What made you do it?

5. Explain the force of the prepositions in *ἀναχωρεῖν, ἀναβαίνειν, ἀνάγειν: ἀποβλέπειν, ἀποδιδόναι, ἀποκαλεῖν: ἐπιγίγνεσθαι, ἐπιβουλεύειν, ἐπιγαμία.*

LOWER MATHEMATICS.

Monday, 29*th March*, 1897.—2 TO 5 P.M.

(*Candidates may obtain full marks by doing correctly about two-thirds of this paper. But the Examiners may reject a candidate who shows exceptional weakness in any of the sections A, B, C.*)

A.

1. When are two fractions with different denominators equivalent to each other?

State and justify the rule for multiplying one fraction by another.

How many times does $\frac{1}{4}+\frac{1}{8}+\frac{1}{12}$ contain $\frac{1}{3}+\frac{1}{6}+\frac{1}{9}$?

2. Reduce to decimals, and then add—$\frac{3}{7}$, $\frac{1}{160}$, and $\frac{2}{5}$.

3. If gunpowder is composed of 33 parts by weight of nitre, 7 of charcoal, and 5 of sulphur, how many pounds and ounces of charcoal are contained in $4\frac{1}{5}$ cwt. of gunpowder?

4. If a draper buys 600 yds. of silk at 3s. $4\frac{1}{2}$d. per yard, of which he sells 81 yards at 3s. 9d. per yard, and 360 yards at 4s. 6d., the rest being made useless by a fire, what is his percentage loss or gain on his transactions in silk?

5. Find the simple interest on £486 10s. 9d., for 4 years and 2 months, at $5\frac{1}{3}$ per cent. per annum.

6. Extract the square root of 4943·4961.

Why can there be no exact square root if the number of figures after the decimal point be odd?

B.

7. Divide x^4+2x^2-x+2 by x^2-x+1.

8. Find four factors of $4a^2(x^3+18ab^2)-(32a^5+9b^2x^3)$.

9. Find (1) the highest common factor, (2) the lowest common multiple of—

$$x^3+2x^2y+xy^2+2y^3, \text{ and } x^3-2x^2y+xy^2-2y^3.$$

10. Find the square root of—

$$4a^4+9\left(a^2+\frac{1}{a^2}\right)+12a^2\left(a+\frac{1}{a}\right)+18.$$

11. Find single fractions equivalent to—

(1) $\frac{1}{x-1}-\frac{3}{(x-1)(x-2)}+\frac{1}{(x-1)(x-2)(x-3)}$,

(2) $\frac{1+a}{(a-b)(a-c)}+\frac{1+b}{(b-c)(b-a)}+\frac{1+c}{(c-a)(c-b)}$.

12. Solve

(1) $\frac{x}{x-2}-\frac{x+1}{x-1}=\frac{x-8}{x-6}-\frac{x-9}{x-7}$,

(2) $\frac{x}{a}-\frac{y}{b}=1$, $\frac{x}{b}+\frac{y}{a}=\frac{a}{b}$.

13. An income of £120 a year is derived from investments in two stocks, one yielding £$3\frac{1}{2}$ per £100 stock, and the other £4 per £100. The investments realized £3672 when the first was sold out at 108, and the second at 120. How many shares of each stock were held?

14. State and justify the rule which determines whether the product of two algebraical quantities has the positive or negative sign.

C.

15. Prove that the angles at the base of an isosceles triangle are equal to each other, and if the equal sides be produced, the angles on the other side of the base are also equal.

If equal segments upwards from the base are cut off the sides, and the points of section are joined with the opposite ends of the base, show that these two joins are equal, and divide each other into equal segments.

16. Prove that if a straight line intersects two parallel lines, the alternate angles are equal, the exterior angle is equal to the interior and remote on the same side of the cutting line, and the two interior angles on the same side are equal to two right angles. Enunciate the axiom on which you base your proof.

If two lines intersect, and two other lines are parallel to them, the smaller of the angles between the first pair of lines and of those between the second pair are equal.

17. Define the projection of one straight line on another.

Prove that the square on the side opposite an obtuse angle in a triangle exceeds the sum of the squares on the sides enclosing it by twice the rectangle contained by either side and the projection on it of the other side.

From this and corresponding propositions, show that the sum of the squares on two sides of a triangle exceeds twice the square on half the third side, by twice the square on the join of the angle opposite the third side, with the middle point of that side.

18. Prove that if one circle touch another internally, the join of their centres goes through the point of contact.

If the difference between the radii of two circles is equal to the length of the line joining their centres, show that at the point of meeting the two circles touch each other.

19. On a given straight line, describe a segment containing an angle equal to a given angle.

Show how to construct a triangle with a given base, a given vertical angle, and a given difference in length between the two sides.

20. Show that if from a point outside a circle a cutting line and a touching line be drawn, the square on the latter line is equal to the rectangle under the external segments of the chord made by the former line.

Prove that if two circles cut, and have a common tangent, the common chord produced bisects the common tangent.

INTERMEDIATE AND HIGHER MATHEMATICS.

Thursday, 1st April, 1897.

FIRST PAPER—9 TO 11 A.M.

(Candidates may obtain full marks by doing correctly about two-thirds of this paper. But the Examiners may reject a candidate who shows exceptional weakness in any of the sections A, B, C.

The pass mark for Intermediate candidates is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the Intermediate standard; but such candidates will receive credit for any question they may answer.)

A.

1. Subtract $\cdot 3$ from $\cdot\dot{3}$, and divide the remainder by $\cdot 001$.

2. Show that the interest on £450 for 7 months at 4 per cent. per annum is equal to the true discount for the same time and rate on £460 10s.

3. Reduce to a single fraction in its lowest terms—

$$\frac{\frac{x}{y}+\frac{y}{x}-1}{\frac{x^2}{y^2}+\frac{x}{y}+1}\times\frac{1+\frac{y}{x}}{x-y}\div\frac{1+\frac{y^2}{x^2}}{\frac{x^2}{y}-\frac{y^2}{x}}.$$

4. Show that

$$\left(x+\frac{1}{x}\right)^2+\left(y+\frac{1}{y}\right)^2+\left(xy+\frac{1}{xy}\right)^2-\left(x+\frac{1}{x}\right)\left(y+\frac{1}{y}\right)\left(xy+\frac{1}{xy}\right)=4.$$

5. If $\frac{x}{a}=\frac{y}{b}$, show that $\frac{x^2+a^2}{x+a}+\frac{y^2+b^2}{y+b}=\frac{(x\times y)^2+(a+b)^2}{x+y+a+b}$.

6. If the roots of a quadratic equation $ax^2+bx+c=0$ are in the proportion of $m:n$, show that $\frac{b^2}{ac}=\frac{(m+n)^2}{mn}$.

7. Show that no quadratic equation can be satisfied by more than two different values of the unknown quantity.

If the roots are reciprocal to each other, what inference can be drawn about the coefficients of the quadratic?

8. If $ax+by+cz=0$, and $\frac{x}{a}+\frac{y}{b}+\frac{z}{c}=0$, find the ratios of x, y, z.

9. Solve the equations $x^2+xy+x=14$, $y^2+xy+y=28$.

B.

10. Show how to describe a circle round a given triangle.

If a perpendicular is drawn from the vertical angle on the base, and produced beyond the base to meet the circumference of the circumcircle, and if a part of the perpendicular measured upward from the base is made equal to the part between the base and the circumference, show that the joins of the end of this part with the ends of the base are perpendicular to the sides of the triangle.

11. Describe an isosceles triangle having each of the angles at the base double of the third angle.

Show that if a regular pentagon is inscribed in a circle, the triangle formed by joining three of its consecutive angular points has its diagonal base parallel to the join of the other two angular points.

12. Prove that if two sides of a triangle are cut by a line parallel to the base, the segments of the two sides made by this line are proportional to each other, whether the line cuts the sides externally or internally.

If a straight line AB is divided internally in C, find a point D in AB produced, so that $AD:DB::AC:CB$.

13. Prove that if two straight lines are cut by three parallel planes, they are cut in the same ratio.

If three parallel straight lines are cut by two parallel planes, the triangles formed by joining the points of section in each plane are equal.

C.

14. Two observers on a horizontal plane, 1000 feet apart, simultaneously observe a balloon in the same vertical plane with them, and between them. If its angles of elevation are 15° and 75° to the two observers, find the height of the balloon, given tan 15° = 0·27.

15. If $\tan\theta = \dfrac{1+\tan\alpha}{1-\tan\alpha}$, express $\sin\theta$ in terms of α.

16. Show that $\dfrac{1+\sin\theta-\cos\theta}{1+\sin\theta+\cos\theta}+\dfrac{1+\sin\theta+\cos\theta}{1+\sin\theta-\cos\theta}=2\operatorname{cosec}\theta$.

17. Do the following triangles, or any of them, admit of two solutions?

(1) $A = 30°$, $a = 4$, $b = 8$.
(2) $A = 30°$, $a = 3$, $b = 8$.
(3) $A = 30°$, $a = 5$, $b = 8$.

Find the two values of c when there are two solutions.

SECOND PAPER—12 NOON TO 2 P.M.

(Candidates may obtain full marks by doing correctly about two-thirds of the questions in each section of this paper. But the Examiners may reject a candidate who shows exceptional weakness in any of the sections A, B, C.

The pass mark for Intermediate candidates is fixed with reference to the total number of marks assigned to questions which fall under the syllabus of the Intermediate standard; but such candidates will receive credit for any question they may answer.)

A.

1. Express $\frac{1}{56}+\frac{1}{120}+\frac{1}{361}+\frac{1}{42}$ as a fraction in its lowest terms.

2. What is meant by an *algebraic equation* and by an *algebraic identity*?

Find what value of d will make

$$a-b+c-d+bc-ad+bd-ac+a^2+b^2+c^2$$

vanish where $3a+4b+1=0$, $4a+5b=c$, $b+c+4=0$.

3. Simplify $\dfrac{bc}{(a-b)(a-c)}+\dfrac{ca}{(b-c)(b-a)}+\dfrac{ab}{(c-a)(c-b)}$, expressing the resulting fraction in its lowest terms.

4. Resolve x^8-1 into four factors; and hence or otherwise find four factors of 65535.

5. If $x=a+3$, express $x^3-9x^2+27x+9$ in terms of a; and hence find a value of x for which the given expression vanishes.

6. Find the highest common factor of

$$x^4+x^3+2x^2+x+1 \text{ and } x^4+x^3-x-1;$$

and *prove* that your result is the highest common factor of these expressions.

7. When a certain number of two digits is multiplied by $2\frac{2}{3}$, the digits are interchanged. Find the number.

8. Define generally the meaning of the symbol of division in the expression $\frac{a}{b}$; and show that in the case where a and b are positive integers, your definition agrees with the arithmetical meaning of the symbol.

B.

9. If the vertical angle of a triangle is obtuse, show that the square on the base is equal to the sum of the squares on the sides together with twice the rectangle contained by one side, and the projection on it of the other.

E and F are the middle points of the sides CA and CB respectively of a triangle ABC, and the sum of the squares on AF and BE is equal to five times the square on EF. Prove that the triangle is right angled at C.

10. Prove that similar polygons are to one another in the duplicate ratio of their homologous sides.

Prove also that similar polygons are to one another in the duplicate ratio of their perimeters.

11. Show that two circles cannot intersect in more than two points.

Show that if a circle, when placed on another, touches it at one point, and meets it at another, the two circles must coincide.

12. Construct a triangle with sides equal to three given straight lines.

On a given straight line construct a triangle, the squares on whose other sides shall be respectively three and four times the square on the given line: and show that the angles are in proportion of 1, 2, 3.

C.

13. Find approximately the distance of a tower whose height is 74 feet, which subtends at the eye an angle of one degree.

14. Show that in a right-angled triangle the remaining elements can be expressed in terms of an acute angle and the opposite side, and find these expressions.

15. At a point in a horizontal plane, on which a tree stands, the tree subtends an angle θ, and at another point, 50 yards further back, it subtends an angle ϕ. Determine the height of the tree, given cotan $\phi = 3$, $\sin\theta = 0{\cdot}8$.

16. Find all positive values of θ less than 4 radians (about 230 degrees) which make

$$\sin\theta + \tan\theta = \cos\theta + 1.$$

FRENCH.

Tuesday, 30th March, 1897.

FIRST PAPER—3 TO 4.30 P.M.

Translate into French :—

I. The respect we pay to wealth absorbs the respect we should pay to genius. Literary men have not with us any fixed and settled position as men of letters. . . . "I am nothing here," said one of the most eminent men of science this country ever produced ; "I am forced to go abroad sometimes to preserve my self-esteem." A literary man with us is often forced to be proud of something else than talent—proud of fortune, of connection, or of birth—in order not to be looked down upon. Byron would never have set a coronet over his bed if he had not written poetry, and the fastidious Walpole have affected to disdain the author, if he had not known that with certain circles authorship was thought to lower the gentleman. Every one knows the anecdote of a certain professor of chemistry, who, eulogising Boyle, thus concluded his panegyric : "He was a great man, a very great man ; he was father of chemistry and brother to the Earl of Cork."

II. 1. I have done my best.
2. He is a self-made man.
3. It is all over with us.
4. Every other day.
5. I think I had better go and ask for his advice.
6. I wish I could get that book.
7. You ought to have done this sooner.
8. Do you object to my asking you a question ?
9. Let every man do his duty.
10. That boy wants looking after.

Thursday, 1st April, 1897.

SECOND PAPER—3 TO 5 P.M.

I. Translate into English :—

1. Nos facultés exercent sur nous une tyrannie. Nous avons le besoin de les employer, comme l'enfant de remuer ses membres et l'oiseau de déplier ses ailes. Le don supérieur de l'expression conduisit aussitôt Victor Hugo a un besoin irrésistible d'exprimer ce qui flottait dans l'air de son temps. Il se fit, d'instinct, le porte-voix des idées de sa génération. Cela ne veut pas dire qu'il ait rendu dans ses vers et dans sa prose toutes les aspirations du XIX^e siecle. Plusieurs lui ont echappé, dont une essentielle : la Science . . . Son intelligence, marveilleusement armée pour l'elan de lyrisme, etait impuissante à la lente besogne de l'observation anatomique. Il s'est defini lui-même avec une justesse saisissante lorsqu'il s'est representé comme une sorte de harpe, emue au moindre souffle, "Mise au centre de tout, comme un écho sonore."

Par une involontaire soumission à cette destinée il fut le poète non pas de ses propres tortures, comme Henri Heine ou Musset, mais des passions de ceux qui l'entouraient. Les voix plaintives des victimes de la Terreur, entendues encore dans le grand silence de la Restauration, passèrent dans ses *Odes*. Puis la sonnerie des victoires napoléoniennes se répercuta dans d'autres odes, et dans des strophes magnifiques, l'appel des revendications helléniques.—P. BOURGET.

2. À la fin de juillet les villages sont vides.
Depuis longtemps déjà les nuages livides,
Menaçant d'un prochain orage à l'occident,
Conseillaient la récolte au laboureur prudent.
Donc voici la moisson et bientôt la vendange :
On aiguise les faux, on prépare la grange,
Et tous les paysans, dès l'aube rassemblés,
Joyeux vont à la fête opulente des blés.
Or, pendant tout ce temps de travail, les aïeules
Au village, devant les portes, restent seules,
Se chauffant au soleil en branlant le menton,
Calmes, et les deux mains jointes sur leur bâton.

. . . . . .

Elles restent ainsi tout le jour sur un banc,
Heureuses, sans penser peut-être, sans rien dire,
Adressant un béat et mystique sourire
Au clair soleil qui dore au loin le vieux clocher
Et mûrit les épis que leurs fils vont faucher.

F. COPPÉE.

II. GRAMMAR.

(*Answer* FOUR *of the following questions.*)

1. How do the French and English languages differ with respect to collective nouns? Give examples.

2. Parse the following verbal forms: Nous nous assiérions. Vous faillites. Issu. Je vaudrais. Échéant. Sache. Crû. Nous moudrions. Que vous naquissiez. Résolvez.

3. Account for the use of the indicative and of the subjunctive in the following sentences: Dites-lui que je m'en *vais*. Dites-lui qu'il s'en *aille*. Je prétends que c'est toi qui l'*as* fait. Je pretends que tu me *craignes*. Racontez-moi l'histoire que vous *avez* lue. Racontez-moi une histoire que vous *ayez* lue. J'ai un ami qui me *dit* tout ce qu'il pense. Je veux un ami qui me *dise* tout ce qu'il pense.

4. State the rules for the concord of the following participles :
Nous nous étions *proposé* de vous accompagner.
Sa conduite n'est pas telle que je l'aurais *désiré*.
C'est un de ces livres que j'ai *lu*.
Ils se sont *laissé* mettre a mort.
Ils se sont *vus* et se sont *plu*.

5. Show differences of inflection between the conjugation of *dire* and of its derivatives.

6. Account for the formation of such adverbs as *prudemment*, *méchamment*, from the adjectives *prudent*, *mechant*.

III. Philology and Literature.

(*Only* ONE *question to be attempted.*)

1. Give the etymology of *six* of the following words: Alors, Aîné, Maintenant, Désormais, Autrui, Encore, Malheur, Avaler, On, Même.

2. Account for the fact that a good many Latin words have given two French words (like *meuble* and *mobile*, from *mobilem*). Give some examples.

3. What do you know about the ideas of J. J. Rousseau on education?

4. Give a summary of any play of either Regnard, or Marivaux, or Beaumarchais you have read; *or*, say what you know about one of these writers and the importance of his dramatic works.

GERMAN.

Wednesday, 31*st March*, 1897.

FIRST PAPER—3 TO 4.30 P.M.

Translate into German:—

(*a*) It is needless, gentlemen, for me to tell you that I was the only melancholy spectator of this funeral; whereas the rest were scarcely moved at it, the practice was so customary to them. I could not forbear speaking my thoughts of this matter to the king. "Sir," I said, "I cannot but wonder at the strange custom in this country of burying the living with the dead. I have been a great traveller and seen many countries, but never heard of so cruel a law." "What do you mean, Sinbad?" said the king, "it is a common law; I shall be interred with the queen, my wife, if she die first." "But, sir," said I, "may I presume to ask your Majesty if strangers be obliged to observe this law?" "Without doubt," replied the king, smiling at my question, "they are not exempted if they be married in this island."

(*b*) 1. He need not proceed in such haste. 2. I should be obliged to him if he would gratify me in that particular. 3. Hoping that I may soon hear from you, I remain yours truly. 4. We should be greatly mistaken if we supposed that wealth and rank were exempt from care and toil. 5. Can you speak German? How long have you been studying it? 6. Goethe's heart, which few knew, was as great as his intellect which everybody knew.

Friday, 2*nd April*, 1897.

SECOND PAPER—9 TO 11 A.M.

I. Translate into English:—

(*a*) Franz war ein frommes, vertrauendes Gemuth und war dabei streng katholisch erzogen. Er wanderte nun zuerst nach den sudlichen

Landern, wo seine Religion die allgemeinste war und auch herrschte. Er fand nur selten Arbeit. Da nahm er sich endlich vor, nach Italien zu wandern; er selbst wusste nicht recht warum: aber ein wandernder Handwerksbursche macht keinen Umweg, wenn er auch noch so sehr fehl geht. Er findet aber hier wenig Arbeit, denn man hat inländische Stricke (*ropes*) genug und braucht keine fremden, und auch hier laufen die argsten Spitzbuben ungehangen umher. Franz geht zuerst auf Venedig zu. Dort will er lernen, grosse Schiffstaue machen. Darnach tragt es grosses Verlangen. Unterwegs aber musste er mit Trauer sehen, dass seine Stiefel nicht mehr Stich halten wollen, sondern nach allen Seiten hin ausreissen. Er nimmt nun die Fussbekleidung in die Hand und marschiert barfuss weiter.

B. Auerbach.

(*b*) Bei Homer's Bild.

Du guter, alter, blinder Mann,
Wie ist mein Herz dir zugethan!
Nimm dieses Herzens heissen Dank
Für deinen göttlichen Gesang.

O hätt' ich deiner Lieder Macht,
Ich rief' dir durch der Gräber Nacht!
Du kämst, in Morgenroth gehüllt,
So hehr und freundlich wie dein Bild.

Nun tränkst du des Olympos Lust
Mit langen Zügen in die Brust;
Ich läs' auf deinem Angesicht;
Den neuen Nektar kannt' ich nicht!

F. L. Stolberg.

II. Grammar.

1. Give the inseparable prefixes, and state their meaning and origin.

2. How are English participial clauses to be translated into German? Give examples.

3. Give second person singular present indicative of all irregular verbs in Extract *a*.

4. When has the subjunctive to be used in dependent clauses in German? Give examples.

III. Philology and Literature.

(*Only* ONE *of the following questions to be attempted.*)

1. Give the various linguistic periods into which the German language is divided, with approximate dates.

2. Describe shortly Grimm's law.

3. Give the meaning and derivation of: *Drittel*, *Prediger*, *Friedrich*, *Abenteuer*, *Ankunft*, *Kunst*, *Flucht*, *Dienstag*, *Samstag*, *Aufzug*.

4. Give a short sketch of Klinger's life and work, with special reference to the period of German literature which he influenced.

5. Enumerate either Schiller's or Goethe's dramatic works in chronological order, and give shortly the plot of any one of them.

6. Mention the various branches of literature in which Arndt, Korner, and Ruckert were distinguished—with titles of a few of their writings.

DYNAMICS.

Friday, 2nd April, 1897.—1 TO 4 P.M.

(*Candidates may obtain full marks by doing correctly about two-thirds of this paper.*)

1. What is meant by the displacement of a point? Show how it may be represented by a straight line.

If a body suffers two successive displacements represented by two sides of a triangle taken in order, find a straight line that will represent the resultant displacement.

2. Explain how to find the relative motion of two points whose motions are given.

Two points describe the same circle uniformly in the same time. Show that each describes a circle relatively to the other.

3. How does the unit of velocity depend on the units of length and time employed?

Express the acceleration of a falling body in terms of the mile and the hour as units.

4. Find the velocity and the energy generated when an impulse of given magnitude acts on a body of given mass originally at rest.

On a body of mass 3 grammes originally at rest, an impulse of magnitude 7 (C.G.S. units) acts in a northward direction, and then an impulse of magnitude 10 westward. Show that the final velocity is a little greater than 4 cm. per second, and roughly indicate its direction.

5. Find expressions for the velocity of, and the space described by, a body moving in a straight line, and subject to a constant retardation.

In a curling match a man sends his first stone of mass 40 lbs. with velocity 10 ft. per sec., and it comes to rest at the tee. With what velocity must he send his second to stop 2 yards short of the first, and guard it, the frictional resistance to the stone's motion being 20 ounces' weight.

6. State Newton's Third Law of Motion.

A force acts on one of two spheres originally at rest. After the force has ceased, direct impact takes place, and the spheres move on together. Show how the Laws of Motion may be applied to investigate the motion.

7. State Newton's First and Second Laws of Motion.

The pressure between the ground and a body resting on it is less than the attraction between the body and the earth. Reconcile this with the Laws of Motion.

8. A mass rests on a rough plane inclined at 30° to the horizontal. A rope attached to the body passes over a pulley fixed at the top of the plane and is pulled vertically downwards by a man of equal mass. The man, though able to lift himself, is just unable to move the body.

Determine the direction and magnitude of the reaction between the plane and the body.

9. Show how to find the Centre of Mass of a body.

In the case of three particles, prove that your method gives a single determination of its position.

10. Define the Moment of a Couple, and show that two couples in the same plane are equivalent if their moments are equal, and they act in the same sense.

Three men at the ends of three of the eight bars of a capstan undertake to hold the capstan still against five others. At what distance from the centre should the five be placed to make a match, all men being supposed equally strong?

11. A mass of 3 tons hung from a fixed point by a cable of length 13 yards is moved by a horizontal pull a distance whose horizontal component is 5 yards. Find the greatest value of the pull, which is supposed to be at every moment just sufficient to move the mass.

Determine also the work done.

12. Define the term *fluid*, and explain how the pressure in a given direction at a point in a fluid is measured.

Show that the pressure at any point in a liquid at rest exceeds that at the surface by a quantity proportional to the depth.

13. Show that when a body floats in a liquid it displaces a mass of liquid equal to its own mass.

The imperial goldsmith being given gold to form into a crown, abstracted part, and replaced it by an equal weight of silver. The emperor suspects him, and wishes to test his suspicions. Give a method by which he may determine the quantity of silver employed.

14. Explain the action of the siphon.

Explain generally what the effect would be of a leak at the highest point of the siphon.

15. Describe and explain the construction and use of the barometer.

Does a defect in (1) the uniformity, (2) the perpendicularity, of the tube used affect the accuracy of the readings? Give your reasons.

HEBREW.

FIRST PAPER—Two Hours.

I. Point and translate :—

וירא אליו יהוה באלני ממרא והוא ישב פתח האהל כחם היום׃ וישא עיניו וירא והנה שלשה אנשים נצבים עליו וירא וירץ לקראתם מפתח האהל וישתחו ארצה׃ ויאמר אדני אם נא מצאתי חן בעיניך אל נא תעבר מעל עבדך׃ יקח נא מעט מים ורחצו רגליכם והשענו תחת העץ׃ ואקחה פת לחם וסעדו לבכם אחר תעברו כי על כן עברתם על עבדכם ויאמרו כן תעשה כאשר דברת׃

II. Translate into Hebrew with the vowel points :—

1. Hast thou eaten of the tree whereof I commanded thee not to eat?

2. Thou shalt surely remember all that I have done for thee, and shalt do according to all that is written in this law.

3. And they said, Thy servants are twelve brethren, the sons of one man in the land of Canaan, and behold the youngest is this day with his father, and one is not.

4. Abraham shall surely become a great nation, and all the families of the earth shall be blessed in him.

5. And the prophet said to her, Come, go to the king and say to him, Didst thou not swear to me that my son should reign after thee, and that he should sit upon thy throne?

6. This is the thing that I have spoken unto thee; what God is about to do He showeth unto me.

7. What is to be done to my vineyard?

8. And he finished all His work which He had done, and behold it was very good.

SECOND PAPER Two Hours.

I. Translate Genesis xlv. 1—13 inclusive.

II. Parse the following words: הנצבים and בהתודע (in v. 1): הַעוד and נבהלו (in v. 3); ויגשו (in v. 4); תעצבו and יחר (in v. 5); ולהחיות (in v. 7); מהרו and רדה (in v. 9); וכלכלתי and תורש (in v. 11); ראות (in v. 12); והגדתם (in v. 13).

III. (1) How is the interrogative ה pointed? (2) Give the imperfect of יָכֹל. (3) What is the subject of יִחַר in v. 5? (4) Explain the usage of זֶה in v. 6. (5) Remark on the arrangement of the words in the first part of v. 8, and explain the force of the נִ in וַיְשִׂימֵנִי in the same verse. (6) Explain the use of לְ in לְאָב in v. 8. (7) Parse and translate the following words: חמי, עמי, פמי, המי, אבי, בני, גמי.

II.—FOR THE DEGREE OF M.A.

I. FOR ORDINARY DEGREE.

A.—DEPARTMENT OF LANGUAGE AND LITERATURE.

LATIN TRANSLATION—Two Hours.

1. Translate the following passages :—
   - (*a*) Virg. *Aen.* XII. 669—680.
   - (*b*) Prop. IV. 3, 59—70.
   - (*c*) *Either* Hor. *Sat.* II. 4, 78—87, *or* Hor. *Ep.* I. 5, 7—18.
   - (*d*) Tac. *Ann.* VI. 44.

2. Translate, with notes :—

(*a*) Tum demum movet arma leo, gaudetque comantis
Excutiens cervice toros, fixumque latronis
Inpavidus frangit telum, et fremit ore cruento.—Virg.

(*b*) Mille fugit refugitque vias ; at vividus Umber
Haeret hians, iam iamque tenet, similisque tenenti
Increpuit malis, morsuque elusus inani est.—Virg.

(*c*) Viximus insignes inter utramque facem.—Prop.

Either (1)

(*d*) Carne tamen, quamvis distat nil, hac magis illa,
Imparibus formis deceptum te petere.—Hor.

Or (2)

Quid tibi visa Chios, Bullati, notaque Lesbos,
Quid concinna Samos, quid Croesi regia, Sardis,
Smyrna quid et Colophon? Maiora minorave fama,
Cunctane prae Campo et Tiberino flumine sordent?—Hor.

(*e*) Et ille quidem, qui collegam et generum adsciverat, sibi ignoscit : ceteri, quem per dedecora fovere, cum scelere insectantur. Miserius sit ob amicitiam accusari an amicum accusare, haud discreverim.—Tac.

LATIN PROSE—Two Hours.

When a Russian lady is to be married, her father, with a cudgel in his hand, asks the bridegroom whether he chooses that maiden for his bride. To which the other replies in the affirmative. Upon this the father, turning the lady three times round, and giving her three strokes with his cudgel on the back, exclaims, "I call you to witness that these are the last blows you are to receive from your tender father. I resign my authority, and my cudgel, to your husband ; he knows better than me the use of either." The bridegroom knows decorum too well to receive the cudgel abruptly; he assures the father that the lady will never want it, and that he would not, for worlds, make any use of it; but the father, who knows what the lady may want better than he, insists upon his acceptance of it: upon this there follows a scene of true Russian politeness, while one refuses, and the other offers the cudgel. The whole ends with the bridegroom's taking it; the lady drops a courtesy in token of obedience, and the ceremony proceeds as usual.

LATIN GENERAL PAPER—Two Hours.

A. Unprepared Translation.

Forma bonum fragile est, quantumque accedit ad annos,
  Fit minor, et spatio carpitur ipsa suo.
Nec violae semper, nec hiantia lilia florent;
  Et riget amissa spina relicta rosa.
Et tibi iam cani venient, formose, capilli;
  Iam venient rugae, quae tibi corpus arent.
Iam molire animum, qui duret, et adstrue formae:
  Solus ad extremos permanet ille rogos.
Nec levis, ingenuas pectus coluisse per artes,
  Cura sit, et linguas edidicisse duas.
Non formosus erat, sed erat facundus Ulixes;
  Et tamen aequoreas torsit amore deas.
O quoties illum doluit properare Calypso,
  Remigioque aptas esse negavit aquas!

B. Grammar.

1. Quote examples of the predicative use of the genitive and dative.

2. How would the following be expressed in normal classical Latin prose?—

- (*a*) Dederatque comam diffundere ventis.
- (*b*) Ferre iugum pariter dolosi.
- (*c*) Excepto quod non simul esses cetera laetus.
- (*d*) Vetus regnandi.

3. Express in Latin:—

- (*a*) I ought to remain. I ought to have remained.
- (*b*) He said that the city would grow (use *crescere*). He said that the city would be burnt (use fut. inf. pass. of *urere*).
- (*c*) My brother, my sister, and myself were angry (use perf. of *irasci*).

C. Antiquities and History.

1. Write down what you know about the staging, dressing, and properties of a Roman comedy. How were slaves distinguished? What passed for money on the stage? Who kept order?

2. Sketch, with dates, the different attempts made during the last century of the Republic to put the *Iudicia* on a satisfactory footing.

3. Describe the rise of the First and of the Second Triumvirate.

4. Write a note on :—
   (*a*) Catilina, si iudicatum erit meridie non lucere, certus erit competitor.
   (*b*) At Caesar, triplici invectus Romana triumpho
   Maenia, dis Italis votum immortale sacrabat.

GREEK TRANSLATION—Two Hours.

1. Translate *one* passage from each of the following sections :—

A. (*a*) Hom. *Il.* VI. 506—516.
   (*b*) Hom. *Od.* XIV. 484—493.

B. (*a*) Soph. *Oed. Tyr.* 608—617.
   (*b*) Soph. *Oed. Col.* 1257—1266.

C. (*a*) Thuc. II. 53.
   (*b*) Plato, *Rep.* 556 D.

2. Translate :— Arist. *Poet.* XXII. 2.

3. Translate, with notes, *four* of the following :—

(*a*) Ἀλλ' ἄνα, μὴ τάχα ἄστυ πυρὸς δηΐοιο θέρηται.—Hom. *Il.*
Quote other idiomatic uses of the genitive in the Sixth Book.

(*b*) Ἀλλ' ἔμπης καλάμην γέ σ' ὀΐομαι εἰσορόωντα
γιγνώσκειν.—Hom. *Od.*
Explain this expression.

(*c*) Εἴπερ ἐγὼ μάντις εἰμὶ καὶ κατὰ γνώμαν ἴδρις,
οὐ τὸν Ὄλυμπον ἀπείρων,
ὦ Κιθαιρών, οὐκ ἔσει τὰν αὔριον
πανσέληνον, μὴ οὐ σέ γε καὶ πατριώταν Οἰδίπουν
καὶ τροφὸν καὶ ματέρ' αὔξειν.—Soph. *Oed. Tyr.*
Account for the case of Ὄλυμπον and of τὰν πανσέληνον.

(*d*) Ἐδεξάμην δῶρον, ὃ μήποτ' ἐγὼ ταλακάρδιος
ἐπωφέλησα πόλεος ἐξελέσθαι.—Soph. *Oed. Col.*
Explain the syntax.

(*e*) Φθόνος γὰρ τοῖς ζῶσι πρὸς τὸ ἀντίπαλον· τὸ δὲ μὴ ἐμποδὼν ἀνανταγωνίστῳ εὐνοίᾳ τετίμηται.—Thuc.

(*f*) Καὶ ἐν τούτοις δὴ πᾶσιν, ἃς πάλαι εἶχε δόξας ἐκ παιδὸς περὶ καλῶν τε καὶ αἰσχρῶν, τὰς δικαίας ποιουμένας, αἱ νεωστὶ ἐκ δουλείας λελυμέναι, δορυφοροῦσαι τὸν Ἔρωτα, κρατήσουσι μετ' ἐκείνου.—Plat. *Rep.*

(*g*) Ἔτι ἐάν τις ἐφεξῆς θῇ ῥήσεις ἠθικὰς καὶ λέξει καὶ διανοίᾳ εὖ πεποιημένας, οὐ ποιήσει ὃ ἦν τῆς τραγῳδίας ἔργον, ἀλλὰ πολὺ μᾶλλον ἡ καταδεεστέροις τούτοις κεχρημένη τραγῳδία, ἔχουσα δὲ μῦθον καὶ σύστασιν πραγμάτων.
Arist. *Poet.*

GREEK PROSE AND GRAMMAR—Two Hours.

A.

Translate into Greek :—

But, it may be urged, invective is easy ; it is in the power of any one to revile those who differ from him. But to point out what course you should pursue—that is what calls for the qualities of a statesman. I am well aware that it is your habit, if any untoward incident occurs, to lay the blame not on the persons really responsible for it, but on the last speaker who has addressed you on the subject. Yet this is a crisis at which I feel bound not to dissemble my real views. My opinion is this: you are bound to relieve Olynthus, and the sooner you do so the better.

B.

1. Distinguish between *ἀνίων* and *ἀνιῶν*, *ἐξὸν* and *ἔξον*, *ὅρα* and *ὁρᾷ*, *αὐτός* and *αὐτός*, *φύλακας* and *φυλακάς*.

2. Quote or construct sentences illustrating the different meanings of *ἐπι*, *μετα*, *πρός*, *ὑπό*, with genitive, dative, and accusative.

3. Comment on the constructions of the following :—

(*a*) *Δυσάλγητος γὰρ ἂν*
εἴην τοιάνδε μὴ οὐ κατοικτείρων ἕδραν.

(*b*) *Ὦ ξεῖνε, μὴ θαύμαζε, πρὸς τὸ λιπαρὲς*
τέκν' εἰ φανέντ' ἄελπτα μηκύνω λόγον.

(*c*) *Εἴθε γὰρ τότ' ὠλόμην*
ὡς μήποτ' εἶδον πολέμιόν σ' ἑστῶτ' ἐμοί.

GREEK GENERAL PAPER—Two Hours.

A. Unprepared Translation.

Οἱ δὲ Μήλιοι κατὰ σφᾶς αὐτοὺς γενόμενοι, ὡς ἔδοξεν αὐτοῖς παραπλήσια καὶ ἀντέλεγον, ἀπεκρίναντο τάδε· "οὔτε ἄλλα δοκεῖ ἡμῖν ἢ ἅπερ καὶ τὸ πρῶτον, ὦ Ἀθηναῖοι, οὔτ' ἐν ὀλίγῳ χρόνῳ πόλεως ἑπτακόσια ἔτη ἤδη οἰκουμένης τὴν ἐλευθερίαν ἀφαιρησόμεθα, ἀλλὰ τῇ τε μέχρι τοῦδε σῳζούσῃ τύχῃ ἐκ τοῦ θείου αὐτὴν καὶ τῇ ἀπὸ τῶν ἀνθρώπων καὶ Λακεδαιμονίων τιμωρίᾳ πιστεύοντες πειρασόμεθα σῴζεσθαι. προκαλούμεθα δὲ ὑμῖν φίλοι μὲν εἶναι, πολέμιοι δὲ μηδετέροις, καὶ ἐκ τῆς γῆς ἡμῶν ἀναχωρῆσαι σπονδὰς ποιησαμένοις αἵτινες δοκοῦσιν ἐπιτήδειοι εἶναι ἀμφοτέροις."

B. Literature, History, and Antiquities.

1. Give some account of the chief Ionian cities on the coast of Asia Minor.

Or, Trace the different steps taken by Athens in her career of self-aggrandisement after the establishment of the Confederacy of Delos.

2. Describe three famous battles in the Peloponnesian War.

Or, Give an account of the Dorian Hexapolis.

3. What was the relation of Aeschylus or of Aristophanes to the political conditions of his time?

4. Write a note on Crete, its towns, its mountain-range, its products, its relation to mythology, and its constitution.

Or, State what you know of Pindar, Empedocles, Sappho, Ephorus.

5. What was the length of a *plethrum*, a *stade*, a *parasang*?

ENGLISH LANGUAGE AND LITERATURE— THREE HOURS.

I. FOR STUDENTS OF SESSION 1895-96.

(*Answer* NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Question* 17 *must be attempted.*

Students who attended the English Class before Session 1893-94 *may substitute for the question from* B *a question from any one of the other sections, noting on the outside of their papers the year of their attendance.*)

A. COMPOSITION.

1. "The less a man thinks about style, the better is he likely to write." Discuss this.

2. How would you distinguish "fine-writing" (in the bad sense) from good "poetic prose"?

3. Explain fully the meaning of the terms "allegory" and "irony"; and refer to some English allegories and some English masters of irony.

B. PHILOLOGY.

4. Explain fully what is meant by saying that Latin *pater* and Anglo-Saxon *fæder* are cognate, while French *père* and Modern English *paternal* are derived from Latin. Account for the *d* in *fæder*.

5. Describe the various effects of the Norman Conquest on the English language.

6. Distinguish the three main groups of Middle English dialects. Why did two of these give rise to literary languages, while the third did not.

C. ELIZABETHAN DRAMA.

7. In Webster "the joyousness, which is the clearest note of Marlowe and other writers of the earlier generation, has for ever passed away." Examine this statement, and illustrate from the plays you have read.

8. "Shakespeare's conception of tragedy never changed as did his conception of comedy." Examine this.

9. Sketch the plots of two of the following: *Henry V.*, *A New Way to pay Old Debts*, *Cymbeline*, *The Tempest*, *Coriolanus*.

10. Analyse any two of the following characters:—Ophelia, Philaster, the younger Mortimer, Kent, Lady Macbeth.

11. Discuss any two of the following statements: (*a*) "The beginning of decadence is seen even in Ben Jonson"; (*b*) "The wit of Rosalind, unlike that of Beatrice, does not spring so much from a penetrating intellect as from a fertile fancy"; (*c*) "*Othello* is the high-water mark of the art of Shakespeare the play-wright."

12. How would Hamlet have acted in Othello's circumstances? How would Othello have acted in Hamlet's?

13. "Jonson is a greater master of plot-construction than Shakespeare." Discuss this.

14. Write short notes on Launce, Touchstone, Dogberry, the Fool in King Lear, and Cloten (or else Stephano).

D. CHAUCER'S "NUN'S PRIEST'S TALE."

15. How far would it be true to describe this tale as a mock-heroic poem?

16. What do you know of the origin of the story used in this poem? What is most characteristic of Chaucer in his treatment of the story?

17. (COMPULSORY QUESTION):—

(*a*) Give, by means of paraphrase, comment, and reference to the context, the full meaning of the following lines:—

(α) *His vois was merier than the merye orgon
*On messe-dayes that in the chirche gon;
*Wel sikerer was his crowing in his logge,
Than is a clokke, or an abbey orlogge.

(β) But natheles, as touching daun Catoun,
That hath of wisdom such a gret renoun,
Though that he bad no dremes for to drede,
By God, men may in olde bokes rede
*Of many a man, more of auctoritee
*Than evere Catoun was, so moot I thee,
That al the revers seyn of this sentence.

(γ) But for I noot, to whom it mighte displese,
If I counseil of wommen wolde blame,
Passe over, for I seyde it in my game.

(δ) O Gaufred, dere mayster soverayn,

. . . .

*Why ne hadde I now thy sentence and thy lore,
The Friday for to chide, as diden ye?
(For on a Friday soothly slayn was he).

(*) Scan the lines marked with a *.

E. TENNYSON'S "IDYLLS OF THE KING."

18. Determine, as far as possible by reference and quotation, to what season of the year each of the *Idylls* belongs, and show the significance of the place assigned to it.

19. Tell the story of *Lancelot and Elaine* or of *The Marriage of Geraint.*

20. Galahad, Percivale, Bors, Lancelot—explain the different degrees of success achieved by these knights in the quest of the Grail.

II. FOR STUDENTS OF SESSION 1896-97.

(*Answer* NINE *questions, taking* ONE *from* A, ONE *from* B, FOUR *from* C, TWO *from* D, *and* ONE *from* E. *Questions* 7 *and* 18 *must be attempted.*

Students who attended the English Class before Session 1893-94 *may substitute for the question from* B *a question from any one of the other sections, noting on the outside of their papers the year of their attendance.*)

A. COMPOSITION.

1. "The less a man thinks about style, the better is he likely to write." Discuss this.

2. How would you distinguish "fine writing" (in the bad sense) from good "poetic prose"?

3. Explain fully the meaning of the terms "allegory" and "irony"; and refer to some English allegories and some English masters of irony.

B. PHILOLOGY.

4. Explain fully what is meant by saying that Latin *pater* and Anglo-Saxon *fæder* are cognate, while French *père* and Modern English *paternal* are derived from Latin. Account for the *d* in *fæder*.

5. Describe the various effects of the Norman Conquest on the English language.

6. Distinguish the three main groups of Middle English dialects. Why did two of these give rise to literary languages, while the third did not?

C. ENGLISH POETRY AND PROSE FICTION OF WORDSWORTH'S AGE.

7. (COMPULSORY QUESTION.) Give *brief* accounts of *six* of the following, with the authors' names and the approximate dates of composition: (*a*) *Arethusa*; (*b*) "The Sun upon the Weirdlaw Hill"; (*c*) *La Belle Dame sans Merci*; (*d*) *Hartleap Well*; (*e*) *Stanzas Written in Dejection near Naples*; (*f*) *Darkness*; (*g*) *The Pains of Sleep*; (*h*) *To Autumn.*

8. Collect the principal direct references to political affairs in the poems of Wordsworth, Coleridge, and Byron that you have studied. What differences of spirit are indicated by them?

9. Illustrate from the poems you have studied Wordsworth's treatment of human nature.

10. Give a critical account of two of the following: *The Cenci*, *The Vision of Judgment*, *Hyperion*, *The Lady of the Lake.*

11. Describe two of the following characters: Elizabeth Bennet, Emma Woodhouse, Jeanie Deans, Rebecca, Balfour of Burley.

12. "Scott is a better narrative poet than Byron; but his poetry does not, like Byron's, reach the deeper spirit of his time." Discuss this.

13. Show the main characteristics of Coleridge's poetry by reference to *The Ancient Mariner* or *Christabel.*

14. (*a*) With what justice is Keats's poetry described as "sensuous"? *or* (*b*) Why is *Prometheus Unbound* said to exhibit Shelley's powers more fully than any other of his poems?

15. Discuss the statement that Scott is a greater writer than Jane Austen, but inferior to her as an artist.

D. MACBETH.

16. Show in what different ways the sense of crime acts upon the characters of Macbeth and of Lady Macbeth.

17. Is *Macbeth* justly accused of "dragging" after the Third Act?

18. (COMPULSORY QUESTION.) Explain fully, with reference to the context:

(*a*) I will advise you where to plant yourselves,
Acquaint you with the perfect spy o' the time.

(*b*) I have almost forgot the taste of fears.

(*c*) If you shall cleave to my consent, when 'tis,
It shall make honour for you.

(*d*) He has no children.

(*e*) With thy bloody and invisible hand
Cancel and tear to pieces that great bond
Which keeps me pale.

E. SELECTIONS FROM THE "SPECTATOR."

19. Indicate, by reference to these Selections, the influence of the *Spectator* on the social and political life of the time.

20. Describe *two* of the following papers: The Trunk-maker at the Play; Will Wimble; Party Patches; Sir Roger at Church; The Vision of Mirza.

21. Consider the quality of Addison's humour, illustrating from these Selections.

FRENCH.

FIRST PAPER—Two Hours.

1. Translate into French:—

The history of prose fiction in the time of Elizabeth is the history of the triumph of the Italian novel, long before introduced into England in the verse of Chaucer, over its natural rival the romance. A singular unanimity of scorn for the older romances is displayed by the men of the later sixteenth century. Shakespeare, who drew most of his plots from the Italian, has curt and scanty references to them. Francis Meres in his *Palladis Tamia* (1598), after bestowing on all contemporary writers alike, a praise that bespeaks a catholic taste, turns in his closing section to the books that are to be avoided or censured. His list is almost entirely made up of romances of chivalry, the most notable exception being the *Gargantua* of Rabelais. And similarly, Montaigne, a genial critic enough, in speaking of his own education, tells how Ovid was his first love, while as for *Lancelot du Lac*, *Amadis*, *Huon de Bordeaux*, and "such-like trash," he knew nothing of them, not even their names.

These opinions are exactly what might be expected of scholars in an age when classical literature was first recovered, or, at least, first studied aright. The romances of chivalry were doomed from the very beginning of the new movement, and the greatness of Cervantes' achievement is not that he killed a dying man by ridicule. Rather, he found the romances rapidly passing away, and, loving them, put forth his hand just in time to save as much of the perishable stuff of which they were composed as he could put to new and lasting uses. It was the literatures of Greece and Rome, rising from the grave, that pushed the romances from their seats.—W. RALEIGH.

2. Translate into English :—

(*a*) *Van Buck* (*entrant*). Monsieur mon neveu, je vous souhaite le bonjour.

Valentin. Monsieur mon oncle, votre serviteur.

Van Buck. Restez assis ; j'ai à vous parler.

Valentin. Asseyez-vous ; j'ai donc à vous entendre. Veuillez-vous mettre dans ce fauteuil et poser là votre chapeau.

Van Buck (*s'asseyant*). Monsieur mon neveu, la plus longue patience et la plus robuste obstination doivent, l'une et l'autre, finir tôt ou tard. Ce qu'on tolère devient intolérable, incorrigible ce qu'on ne corrige pas ; et qui vingt fois a tendu la perche à un fou qui veut se noyer, peut être forcé un jour ou l'autre de l'abandonner ou de périr avec lui.

Valentin. Oh ! oh ! Voilà qui est débuter ! et vous avez là des métaphores qui se sont levées de grand matin.

Van Buck. Monsieur, veuillez garder le silence, et ne pas vous permettre de me plaisanter. C'est vainement que, depuis trois ans, les plus sages conseils tentent de mordre sur vous. Une insouciance aveugle, des résolutions sans effet, mille prétextes inventés à plaisir, une maudite condescendance, tout ce que j'ai pu ou puis faire encore (mais, par ma barbe ! je ne ferai plus rien !) . . . Où me menez-vous à votre suite ? Vous êtes aussi entêté . . .

Valentin. Mon oncle Van Buck, vous êtes en colère.

Van Buck. Non, monsieur, n'interrompez pas ! Vous êtes aussi obstiné que je me suis, pour mon malheur, montré crédule et patient. Est-il croyable, je vous le demande, qu'un jeune homme de vingt-cinq ans passe son temps comme vous le faites ?—MUSSET.

(*b*) LA FALAISE.

Deux hommes sont montés sur la haute falaise ;
Ils ont fermé les yeux pour écouter la mer :

"J'entends le paradis pousser des clameurs d'aise."
"Et moi j'entends gémir les foules de l'enfer."
Alors, épouvantés des songes de l'ouïe,
Ils ont rouvert les yeux sous le même soleil.
L'océan sait parler, selon l'âme et la vie,
Aux hommes différents avec un bruit pareil.

Sully-Prudhomme.

SECOND PAPER—Two Hours.

I. Literature.

(*The answers to be given in* French.)

1. (*a*) Qu'est-ce que le Romantisme? Définissez-le en lui-même et par opposition au classicisme français; *or*

(*b*) Du renouvellement de la langue et de la métrique par le Romantisme; *or*

(*c*) Quelle est la théorie du drame romantique? Où et par qui a-t-elle été exposée?

2. (*a*) Que savez-vous sur le théâtre de Musset et sa place dans le théâtre romantique? *or*

(*b*) Exposez et discutez la thèse d'A. de Vigny dans *Chatterton*; *or*

(*c*) Qu'est-ce que l'école dite des *Parnassiens*, et qu'est-ce qui la caractérise?

3. Exposez et discutez les principes de la critique de Sainte-Beuve ou de celle de Taine.

4. Développez et discutez *un* des jugements suivants:—

(*a*) Tous deux (Mme de Staël et Châteaubriand) ont poussé leurs contemporains dans des voies nouvelles, mais elle dans un sens plus général, M. de Châteaubriand dans une direction plus nationale, plus française.—Vinet.

(*b*) Parmi nos artistes modernes, Lamartine est celui qui ressemble le plus aux grands rêveurs du Nord, à un Shelley et à un Keats. ...—P. Bourget.

(*c*) Victor Hugo s'est défini lui-même avec une justesse saisissante lorsqu'il s'est représenté comme une sorte de harpe, émue au moindre souffle,

"Mise au centre de tout comme un écho sonore."

P. Bourget.

(*d*) Le "Journal" d'Alfred de Vigny, qui est la clef de toute sa pensée, esquisse quelquefois en six lignes un système philosophique qui ferait honneur à un grand penseur.—E. Faguet.

(*e*) Vigny n'est pas un penseur, il est un poète et un artiste, voilà sa gloire.—G. Pellissier.

II. PHILOLOGY.

(*The answers to be given in* FRENCH.)

1. (*a*) Retracez l'histoire de l'expansion du Latin en Gaule ; *or*

(*b*) Qu'appelle-t-on *Doublets*? Indiquez-en les différentes catégories et donnez des exemples pour chacune d'elles.

2. (*a*) Expliquez en détail l'origine des formes suivantes de l'adjectif possessif : *mon*, *ton*, *mien*, *tiens*, *siennes*.—*or*

(*b*) D'où vient la différence de radical entre *je viens* et *nous venons*, *je veux* et *vous voulez*, etc. ? Donnez d'autres exemples ; *or*

(*c*) Donnez l'étymologie, avec quelques commentaires, de six des mots suivants, en en prenant au moins deux et au plus quatre dans chaque série :

(α) *Lui, moindre, yeux, feuille, mil, ce.*

(β) *Chantait, aime-t-il? gémir, allons,* [*que je*] *sois, mordu.*

III. HISTORY.

(*The answers* MAY *be given in* ENGLISH.)

1. Quels sont les principaux personnages de la Révolution ? Donnez quelques détails sur le rôle de l'*un* d'entre eux.

2. Que savez-vous sur l'*un* des événements suivants :—

(*a*) La Restauration ; (*b*) La Révolution de 1830 ; (*c*) Le Deux-Décembre ?

GERMAN.

FIRST PAPER—TWO HOURS.

1. Translate into English :—

Es ist dieselbe elementare Macht, welche, wie einst in einem Zeitalter niedrigster Kultur, so heute in einer Periode weit fortgeschrittener Entwicklung hinaustreibt uber die enggezogenen Grenzen ererbten Daseins. Denn sieht man von der sehr verschiedenen Art der Wanderung ab, so giebt es kaum zwei grosse geschichtliche Vorgange, welche so lehrreiche Parallelen aufweisen, wie die Volkerzuge der Urzeit und die heutige europaische Auswanderung. In beiden Perioden ist der Nahrungsspielraum daheim bis aufs ausserste ausgenutzt; nur durch mechanische Übertragung der uberschussigen Volkskrafte in andere Lander weiss man der Gefahr der Übervölkerung vorzubeugen. In beiden Perioden wird der Vorgang begleitet und erleichtert durch eine gewisse Geringschatzung des Individuums. In der Urzeit fehlt die Anerkennung der Personlichkeit uberhaupt: die Geschlechter bewegen sich als geschlossene Lebenskorper, als gentilicische Gesammtpersonen. In moderner Zeit ist der einzelne wohl wirtschaftlich und sozial auf sich gestellt, allein er ist vereinzelt.—KARL LAMPRECHT.

2. Translate into modern German :—

> Si sprach 'nu saget mir mêre, warumbe tât ir daz,
> daz ir daz habt verdienet, daz ich iu bin gehaz?
> ir sluoget Sivride, den minen lieben man :
> des ich unz an min ende immer genuoc ze weinen hân.'
> 'Waz sol der rede mêre?'—sprach er—'ir ist genuoc :
> ich binz et aber Hagene, der Sivriden sluoc,
> einen helt ze sinen handen. wie sêre er das engalt,
> daz diu frowe Kriemhilt die schoenen Prunhilde schalt!
> Ez ist et âne lougen, küneginne rich :
> ich hân es alles schulde des schaden schedelich,
> nu, rechez swer der welle, ez si wip oder man :
> ih'n wolde danne liegen, ich hân iu leides vil getân.'

(*Answer* SIX *of the following questions, taking* TWO *from* A, TWO *from* B, *and* TWO *from* C. *The answers are to be given in* GERMAN.)

A.

3. Was sind die Grundzüge der germanischen Weltanschauung vor dem Eindringen des Christentums in Hinsicht auf das allgemeine Weltbild und die Entstehung der Erde, auf den Gotterglauben und auf die sittlichen Vorstellungen?

4. Worin besteht der geistige Einfluss des romisch-griechischen Altertums auf die germanischen Stamme vom ersten bis ins zehnte Jahrhundert in Sprache, Sitte, Kenntnissen, Formen und Stoffen der Dichtung?

5. In welchem Sinne kann man sagen, dass im Heliand die germanische Sittlichkeit mit der christlichen im Kampfe liegt? In wiefern ist durch diese Kampfstellung eine bewusste Veranderung des Inhaltes der Evangelien bedingt?

6. Kennzeichnen Sie die Weltanschauungsentwicklung des deutschen Mittelalters in Hinsicht auf die sittlichen Anschauungen an der Hand des Waltharius, des Nibelungenliedes, der Gudrun, des Erec, des Tristan und des Parzival.

B.

7. Vergleichen Sie die Leistung des Helianddichters mit der Leistung Otfrieds in poetischer, sprachlicher und religioser Hinsicht.

8. Geben Sie eine Skizze von dem Auftreten des Ostgotenkonigs Theodorich des Grossen in der Geschichte, Sage und Dichtung der deutschen Stamme.

9. Geben Sie einen Abriss der Entwicklung der Artussage in Grossbritannien, Frankreich und Deutschland bis herab zum Jungeren Titurel und ihres Zusammenwachsens mit der Gralsage.

10. Welches sind die orientalischen Marchenstoffe, die in der deutschen Dichtung bis zum dreizehnten Jahrhundert zur Behandlung kommen, einschliesslich des Tiermarchens?

C.

11. Erzählen Sie den Inhalt eines der folgenden Werke in den Hauptumrissen: Ruodlieb, König Rother, Gregorius auf dem Steine, Frauendienst, Orendel, Annolied.

12. Was wissen Sie über die Spielleute des deutschen Mittelalters, ihre verschiedenen Gruppen, ihre Stellung zu den Höfen, zur volkstümlichen Überlieferung, zur Religion, zur Gelehrsamkeit, zu fremden literarischen Stoffen, zur heimischen und fremden Lyrik?

13. Geben Sie eine Skizze von dem Leben, den Schicksalen, den Tendenzen, der politischen, der religiosen Stellung Walthers von der Vogelweide und kennzeichnen Sie seine Stellung in der deutschen Literaturentwicklung.

14. Geben Sie einen Überblick über die deutsche Literatur des fünfzehnten Jahrhunderts, indem Sie die einzelnen Strömungen, Dichtungsarten, Stoffgruppen und Tendenzen aufführen, die sich wesentlich in ihr geltend machen.

15. Kennzeichnen Sie inhaltlich die Dichtung aus der Zeit der germanischen Weltanschauung vor Eindringen des Christentums und führen Sie die einzelnen uns erhaltenen dichterischen Denkmaler mit einer kurzen Charakteristik auf.

16. Schildern Sie die Geschichte des französischen Einflusses auf die deutsche Dichtung vom zehnten bis dreizehnten Jahrhundert mit Einschluss der Stoffe, die der deutschen Literatur durch die franzosische Bildung zugeführt werden.

SECOND PAPER—Two Hours.

1. Translate into German:—

To any one who knows the business of investigation practically, Bacon's notion of establishing a company of investigators to work for "fruits," as if the pursuit of knowledge were a kind of mining operation and only required well-directed picks and shovels, seems very strange. In science, as in art, and, as I believe, in every other sphere of human activity, there may be wisdom in a multitude of counsellors, but it is only in one or two of them. And, in scientific inquiry, at any rate, it is to that one or two that we must look for light and guidance. Newton said that he made his discoveries by "intending" his mind on the subject; no doubt, truly. But to equal his success one must have the mind which he "intended." Forty lesser men might have "intended" their minds till they cracked, without any like result. It would be idle either to affirm or to deny that the last half-century has produced men of science of the calibre of Newton. It is sufficient that it can show a few capacities of the first rank, competent not only to deal profitably with the inheritance bequeathed by their scientific forefathers, but to pass on to their successors physical truths of a higher order than any yet reached by the human race. And if they have succeeded as Newton succeeded, it is because they have sought truth as he sought it, with no other object than the finding it.—TH. H. HUXLEY.

2. Write a short essay in German on the subject of Spielhagen's *Sturmflut*, comparing the two kinds of *Sturmfluten* which bear on the plot of that novel.

(*Answer* SIX *of the following questions*, taking TWO *from* A, TWO *from* B (*of which* B 10 *must be one*), *and* TWO *from* C (*of which* C 11 *must be one*). *The answers may be given either in English or in German, unless otherwise stated.*)

A.

3. How did the compound tenses and compound moods originate in the German language? What are their oldest forms and original meanings? Compare their usage with that of the English compound tenses and moods.

4. Define the expressions 'Umlaut,' 'Ablaut,' 'Ablautsreihe,' 'Lautverschiebung,' 'grammatischer Wechsel,' 'westgermanisch,' 'Lehnwort,' 'Labiodentale,' 'Kraftgesetz,' 'freie Analogie.'

5. What is the origin of the definite and indefinite articles in German? In what respects has their original inflection been influenced by their later syntactical usage, and what is the present result of these changes?

6. What is the origin of the strong and weak inflections of adjectives? Through what changes has their syntactical usage gone in historical times? In what respects can one now speak of an unsettled usage as to strong and weak forms, and what tendencies prevail now as to raising a new standard of usage?

B.

7. Compare in German, Germany and Great Britain as regards territory, geographical position, population, large towns, industry, agriculture, army, fleet, constitution, political parties.

8. State in German what you know about the German system of primary, secondary, technical, mercantile, and university education.

9. In what respects are the simple cases, and more especially the genitive case, used now less than in the classics? What prepositions have taken their places? Give *twenty* examples, mentioning both the usage of the classics and the modern usage, and compare the tendency observable in these changes with the tendency of development of the English language.

10. Whence are the following lines taken:—

(*a*) Was soll all der Schmerz und Lust?
(*b*) Ich besass es doch einmal, was so kostlich ist.
(*c*) Der edle Mensch sei hilfreich und gut!
(*d*) Lass rinnen der Thranen vergeblichen Lauf.
(*e*) Glücklich allein ist die Seele, die liebt.
(*f*) Ich bin bei dir; du seist auch noch so ferne.
(*g*) Den lieben Gott lass ich nur walten.
(*h*) Der Nebel stieg, das Wasser schwoll.
(*i*) Den Gottesfunken löscht nicht aus.
(*k*) Die Künste der Hellenen kannten
Nicht den Erloser und sein Licht.
(*l*) Wenn zwei sich lieben mit Gottesflammen.
(*m*) Am grunen See von Nemi ein alter Ahorn steht.

C.

11. Translate into English: Du wurdest abgeblitzt; Du spielst den Zahmen; Was bist du fein! Allzuscharf macht schartig; Das muss ich mir verbitten, lockrer Zeisig. Thu nicht so spitz! Im Ernst beginn' ich, ungereimt zu sein; es ist doch jammerschade! Das ist Sinnverblendnis! Du lieber Sonderling! Dann erbt ein jeder eine Lumperei! Querköpfig war sein Leben lang dein Ohm. Ich fuhr hinaus im Auftrag meines Kunden.

12. Give the rules as regards German comparative clauses and proportional clauses. When may they have the potential subjunctive? Give examples.

13. What do you know about the syntax of possessive pronouns, and the differences between German and English usage?

14. What do you know about the prepositions *ab*, *aus*, *gegenüber*, *nach*, *binnen*, *bis*, *für*, *von*, *an*, *unter*, *auf*, *zwischen*, *ohne*, *um*?

HEBREW.

FIRST PAPER—Three Hours.

I. Point and translate the following passages:—

ויהי מימים רבים אחרי אשר הניח יהוה לישראל מכל
איביהם מסביב ויהושע זקן בא בימים: ויקרא יהושע לכל
ישראל לזקניו ולראשיו ולשפטיו ולשטריו ויאמר אלהם אני
זקנתי באתי בימים: ואתם ראיתם את כל אשר עשה יהוה
אלהיכם לכל־הגוים האלה מפניכם כי יהוה אלהיכם הוא
הנלחם לכם: ראו הפלתי לכם את הגוים הנשארים האלה
בנחלה לשבטיכם מן הירדן וכל הגוים אשר הכרתי והים
הגדול מבוא השמש: ויהוה אלהיכם הוא יהדפם מפניכם
והוריש אתם מלפניכם וירשתם את ארצם כאשר דבר יהוה
אלהיכם לכם: וחזקתם מאד לשמר ולעשות את כל הכתוב
בספר תורת משה לבלתי סור ממנו ימין ושמאול: לבלתי
בוא בגוים הנשארים האלה אתכם ובשם אלהיהם לא
תזכירו ולא תשביעו ולא תעבדום ולא תשתחוו להם:

אשא עיני אל ההרים מאין יבא עזרי: עזרי מעם יהוה עשה
שמים וארץ: אל יתן למוט רגלך אל ינום שמרך: הנה לא
ינום ולא יישן שומר ישראל: יהוה שמרך יהוה צלך על יד
ימינך: יומם השמש לא יככה וירח בלילה: יהוה ישמרך
מכל רע ישמר את נפשך: יהוה ישמר צאתך ובואך מעתה
ועד עולם:

II. Translate into Hebrew with the vowel points :—

(1) My soul doth magnify the Lord, and my spirit hath rejoiced in God my Saviour. For He hath regarded the low estate of His handmaiden ; for behold from henceforth all generations shall call me blessed. For He that is mighty hath done to me great things ; and holy is His name. And His mercy is on them that fear Him from generation to generation. He hath showed strength with His arm ; He hath scattered the proud in the imagination of their hearts. He hath put down the mighty from their seats, and exalted them of low degree. He hath filled the hungry with good things ; and the rich He hath sent empty away. He hath holpen His servant Israel, in remembrance of His mercy ; As He spake to our fathers, to Abraham, and to his seed for ever.

(2) Courage, brother ! do not stumble,
Though thy path be dark as night ;
There's a star to guide the humble ;
Trust in God, and do the right.

Some will hate thee, some will love thee ;
Some will flatter, some will slight ;
Cease from man, and look above thee,—
Trust in God, and do the right.

III. State briefly the characteristics of the sources known as J, E, and P. Mention the leading opinions now held as to their order and relationship ; and specify any parts of the book of Genesis where these sources can be distinctly detected.

IV. (1) What evidence does the Psalter itself afford of its gradual formation from smaller Psalters ? (2) What proofs does it afford that the division into five books could not have been the work of one person ? (3) Some would remove Psalms 42-50 from the second to the third book. State the grounds for this and discuss them.

V. (1) The book of Nahum indicates two historical limits within which the composition of the book must be placed. Determine as precisely as you can the respective limits and the probable date of the book. (2) Discuss briefly the question of the integrity of the book.

SECOND PAPER—Three Hours.

I. Translate :—Genesis xlix. 22—28 inclusive.

(1) Parse ורבו (v. 23) ; ותשב and ויפזו (v. 24) : ויעזרך (v. 25).

(2) Give grammatical and syntactical notes on בן פרת and בנות צעדה (v. 22).

(3) Explain the consecution of tenses in וימררהו ורבו (v. 23).

(4) In ותשב (v. 24) what is the force of the וַ and the precise meaning of the verbal form ?

(5) מִשָּׁם רֹעֶה אֶבֶן יִשְׂרָאֵל (v. 24). What are the possible renderings of the clause?

(6) Explain the syntax of וְיַעְזְרֶךָּ and וִיבָרְכֶךָּ (v. 25).

(7) Name and classify all the accents in v. 26. Give different renderings of the first half of the verse according as the accents are accepted or departed from; and explain the modification of reading that follows the change of accents.

(8) Remark on זְאֵב יִטְרָף (v. 27) and אִישׁ אֲשֶׁר כְּבִרְכָתוֹ גר (v. 28).

II. Psalm lxv. (1) Translate.

(2) Parse נִשְׂבְּעָה (v. 5); מֵכִין (v. 7); וַתְּשֹׁקְקֶהָ and תַּעְשְׁרֶנָּה (v. 10); תְּמֹגְגֶנָּה (v. 11).

(3) For לְךָ דֻמִיָּה תְהִלָּה the LXX. has *σοὶ πρέπει ὕμνος.* How did they read the Hebrew? Defend your own translation.

(4) What is the force of the imperfects יְשֻׁלַּם (v. 2) and יָבֹאוּ (v. 3).

(5) Explain the syntax of אַשְׁרֵי תִּבְחַר ... יִשְׁכֹּן (v. 5).

(6) What is the construction of נוֹרָאוֹת (v. 6) and of וְיָם רְחֹקִים (v. 7).

(7) Have you any remark to make on קְצוֹת (v. 9), and רַוֵּה and נַחֵת (v. 11)?

III. Nahum. (1) Translate chap. ii. 1—8.

(2) What is the situation implied in this passage? How are verses 1 and 3 related to the context, and what is meant by 3 *a*.

(3) In v. 4 for הַבְּרֹשִׁים the LXX. has *οἱ ἱππεῖς.* What did they read?

(4) How have the words וְהֻכַן הַסֹּכֵךְ (v. 6) been explained?

(5) Parse the three words in v. 8 *a* as they stand. Give a concise account of recent discussions of this clause.

B.—DEPARTMENT OF MENTAL PHILOSOPHY.

LOGIC—THREE HOURS.

(*Only* TEN *questions to be attempted.*)

1. What have been called the Laws of Thought? Why is it held that such laws supply only a negative criterion of Truth? Distinguish between a *logical* and a *psychological* analysis of Thought.

2. Explain and discuss the relation between Mediate and Immediate Knowledge. How far would you accept the view that First Principles are matters of Belief, not of Knowledge?

3. Show how the view taken of the psychological character of Thinking determines the logical characteristics assigned to the Notion.

Explain the statement that the Notion in its complete logical form is identical with the Definition.

4. Give, where possible, the contrary, contradictory, converse, and contrapositive of each of the following:—

(1) Only the pure in heart shall see God.
(2) There is none virtuous, no, not one.
(3) Some victories are worse than defeats.
(4) To think is to be full of sorrow.

5. Express each of the following statements and its denial in one or more of the accepted forms (A, E, I, O) of the categorical proposition:—

(1) No one can be rich and happy unless he is also prudent and temperate, and not always then.
(2) No child ever fails to be troublesome if ill-taught and spoilt.

6. Why must the middle term be distributed in any valid syllogism? What is the middle term in the reasoning $A = B$, $B = C$, $\therefore A = C$?

Why can only particular conclusions be reached in the III. Figure?

On what grounds has it been argued that Reduction is (*a*) necessary, (*b*) impossible?

7. Explain briefly the following expressions: *Generic Difference*, *Indirect Proof*, *Division by Dichotomy*, *Hysteron Proteron*, *Post hoc ergo propter hoc*, *Incomplete Disjunction*, *Innate Ideas*, *Subjective Idealism*.

8. What is the principle of classification in the Aristotelian doctrine of Fallacy? How far do you think it adequate? 'Error is infinite; therefore Fallacies cannot be classified.' Discuss this.

9. How far do you think it sufficient to contrast Syllogism and Induction as respectively reasoning from universal to particular, and reasoning from particular to universal?

10. Draw out in some detail the process of reasoning involved in any case of application of the Method of Difference.

With what limitations may it be said that an experiment establishes a law?

11. Discuss Hypothesis from (*a*) the logical, and (*b*) the psychological side. How far does it seem possible to determine the conditions of a legitimate Hypothesis?

12. "*Subjective* Psychology must be supplemented by *objective*." Explain and discuss this.

13. Distinguish between the analytical and the genetic problems of Psychology, and illustrate by reference to the attempt to classify ultimate facts of mind.

14. By what means do we distinguish (*a*) a sense-presentation from an idea, (*b*) a hallucination from perceived fact?

15. Distinguish Remembering from the simpler process of Revival. Is it possible that there should be Illusions of Memory?

16. "Words become general by being made the signs of general ideas" (Locke). Discuss this.

17. How is it that in Dreaming we (1) believe for the time being in the objective reality of what is imaged, and (2) are often deceived in our estimate of duration?

18. 'Association of Ideas is the link connecting the passive stage of reproduction with the active process of thought.' State briefly the main forms of Association, and comment on the view advanced.

19. Explain the functions of Analysis and Synthesis as conceived by Descartes, and their relation to his Ideal of Knowledge.

20. "The expression, *cogito, ergo sum*, is, therefore, not an enthymeme with a suppressed major." Explain this in detail.

21. In what difficulties does Descartes' view of mind place him, in respect particularly to the question of Innate Ideas?

22. Explain precisely what Descartes seems to have intended by 'clearness and distinctness of perception.'

23. Summarize Berkeley's theory of vision. How is his view of the object of sight connected with his general theory of the external perceived thing?

24. What distinctions have been drawn between Primary and Secondary Qualities? Note more particularly the view of Descartes or Locke.

MORAL PHILOSOPHY—THREE HOURS.

(*All candidates for the Degree are required to answer not less than* TWO *nor more than* THREE *questions in section* A, *and not less than* SIX *nor more than* SEVEN *in* EITHER *section* B OR *section* C.)

A.

1. Give and examine the arguments adduced by Plato to support the view that 'Justice is the interest of the Stronger.'

2. What are the chief psychological doctrines advanced by Plato in the *Republic*? Estimate their value.

3. State and examine Plato's view of the Drama.

4. "The main errors of Plato's view of the State arose from his defective view of the individual." Explain this view.

5. Give Plato's proof of the Immortality of the Soul, and his doctrine of the future life.

B. FOR STUDENTS OF SESSIONS 1894-5, 1895-6, AND 1896-7.

1. What difficulties are involved in the conception of a Science of Moral Conduct?

2. "Determinism and Indeterminism are alike inconsistent with the conception of moral responsibility." Explain this view.

3. Describe the process involved in deciding between 'conflicting motives.'

4. "No universal laws of conduct can be deduced from a Utilitarian theory of morals." Examine this statement.

5. What are the essential elements of a moral ideal?

6. Describe briefly the methods by which it has been sought to determine the moral quality of actions.

7. Explain and examine Kant's first expression of the moral imperative—"Act in such a way that thou canst at the same time will that thy maxim should become a universal law."

8. Give and examine Hume's view of the function of reason in morals.

9. What ethical ideas in modern life are most directly due to Christianity?

C. For Students of any Session before 1894-95.

1. Of what value to Morality is Moral Science?
2. Can Morality be defined as "living to others"?
3. Who were the Cynics? Examine their view of life.
4. Compare Cyrenaism with Epicureanism. Which is the more consistent theory?
5. How far are Stoicism and Epicureanism (*a*) opposed, (*b*) complementary, to each other?
6. Discuss the Hedonistic end as a "criterion of conduct."
7. Show whether Hedonism is supported by an analysis of desire.
8. How far is it true that "Evil is Ignorance"?
9. Can Morality be regarded as the "result" of experience?
10. What do you understand by Intuitionism? Can Intuitionism and Empiricism be reconciled?
11. Compare "Happiness" and "Perfection" as views of the end of life.
12. "Why should the individual do his duty?" Discuss this question.
13. Distinguish the "Categorical" from the "Hypothetical" Imperative.
14. "Motives make us free." Explain this with special reference to the Determinist view.
15. On what grounds does Spencer maintain that Society is not an organism?
16. Show how the independence of the individual is reconcileable with the claim of the State upon him.
17. Discuss Plato's classification of the virtues.
18. What is the relation of Rights to Duties?
19. Examine any system of Socialism from a moral point of view.
20. Discuss the relation of Morality to Religion.

POLITICAL ECONOMY—Three Hours.

1. Define and discuss the National Dividend.
2. What is Marshall's use of the term Rent?
3. What part does Cost of Production play in the theory of Value?
4. How would you defend *Laisser Faire* (the modern competitive system) as tending to effect a rational distribution of income?
5. State the case for, and against, the restrictions imposed on Labour by Trade Union policy.
6. Discuss the causes and effects of the late fall in prices.
7. Is there anything to be said for Protection?

EDUCATION.

FIRST PAPER—THREE HOURS.

THEORY OF EDUCATION.

1. What are the external factors in mental development? Estimate their importance in the intellectual growth of the child.

2. "Learn by doing." Point out the importance of this adage in education, and indicate its limitation.

3. "In the case of young children no lesson should exceed twenty minutes in duration." Discuss and estimate the importance of this opinion.

4. What is understood by the term Discipline as applied to a school? Point out its importance. Give a few rules to guide a young teacher in securing good discipline.

5. "Words are but the counters of thought." Explain and illustrate the educational significance of this statement.

6. Define Habit, and indicate the conditions favourable to the formation of good habits.

7. Distinguish between immediate and mediate knowledge, and indicate the relation between perception and attention.

8. What is meant by the training of the Will? Indicate the function of education in this connection.

SECOND PAPER—THREE HOURS.

A. METHODS OF EDUCATION.

1. Estimate briefly the value of Froebel's Gifts, and state the objections that have been urged against their use.

2. What is meant by the "look-and-say" method of learning to read? State its advantages and defects.

3. Give a few rules for guiding a class teacher in questioning and answering as a means of instruction.

4. Describe, with illustrations, the method you would adopt in teaching numeration to a class of children of ten years of age.

B. HISTORY OF EDUCATION.

1. State in some detail Ascham's method of teaching Latin.

2. Indicate some of the shortcomings of Locke's "Thoughts on Education," and account as far as you can for them.

3. Show the relation of the methods and aims of Froebel to those of Pestalozzi.

4. What consideration led Stow to devise the Training System? Contrast his views on the qualifications of teachers with those of Bell and Lancaster.

PHILOSOPHY OF LAW—See Jurisprudence, p. 523.

C.—DEPARTMENT OF SCIENCE.

MATHEMATICS.

FIRST PAPER—Three Hours.

(*Candidates under the Old Regulations may omit questions* 13 *and* 14. *Candidates under the New Regulations may not do more than* TEN *out of the questions* 1—12.)

1. Prove that the sum of the three angles of a triangle is two right angles.

Show that the line joining the middle point of the hypotenuse of a right-angled triangle to the right angle is equal to half the hypotenuse.

2. Show that, when two triangles have two sides of the one equal to two sides of the other, respectively, and the angles opposite one pair of equal sides equal, then the angles opposite the other pair of equal sides are equal or supplementary.

3. In any triangle show that a side is double the line joining the middle points of the other two sides.

Draw a rhombus, given the length of a diagonal and the middle points of two adjacent sides. Is the construction definite whichever diagonal be given in length?

4. If a straight line be divided into any two parts, show that the sum of the squares on the whole line and on one of the parts is equal to twice the rectangle contained by the whole line and that part, together with the square on the other part.

5. "In any triangle the square on the side subtending an acute angle is less than" —; complete this enunciation and prove the proposition.

6. Show that if a point be taken without a circle and straight lines be drawn from it to the convex circumference, the shortest line is that which, when produced, goes through the centre of the circle, and of any two, that which subtends the smaller angle at the centre is the lesser.

The corner A of a rectangular piece of paper ABCD is folded over so that the crease always passes through B, what is the locus of the new position of A? and find in what position of the crease the new position of A is nearest D.

7. If two circles touch one another externally, show that the line joining their centres passes through the point of contact.

8. Define a tangent to a circle, and show that the line drawn at right angles to the radius of a circle at the point where it meets the circle is a tangent to the circle.

AB, CD are parallel diameters in two circles; AC cuts the circles in P, Q respectively, show that the tangents at P, Q to the respective circles they are on are parallel.

9. Show that the opposite angles of any quadrilateral figure inscribed in a circle are together equal to two right angles.

A quadrilateral has one circle inscribed in it, and another circle described about it, show that the straight lines joining the opposite points of contact of the inscribed circle are perpendicular to each other.

10. Describe an isosceles triangle, having each of the angles at the base double of the angle at the vertex.

11. Show that the sides about the equal angles of triangles which are equiangular to one another are proportional. What statement in addition to this is required to make the proposition definite?

From D the middle point of the base BC of a triangle ABC, DE is drawn, making the angle ADE equal to ABC and meeting AC in E; EF is drawn parallel to BC, meeting AD in F, show that the rectangle contained by AF, FD is equal to the square on FE.

12. Prove that similar triangles are to one another in the duplicate ratio of their homologous sides.

If isosceles triangles are to one another in the duplicate ratio of their bases, show that the triangles are similar.

13. Define the angle between two planes, and show that it is independent of the position of the point on the line of intersection of the planes at which we measure it.

Show also that, if from any point whatever we draw two lines perpendicular to the two planes, respectively, the angle between these two lines is equal to the angle between the two planes.

14. Show how to draw a straight line perpendicular to a given plane from a given point outside of it.

SECOND PAPER—THREE HOURS.

1. Resolve into their simplest factors

$$15x^2 - 97x - 56\,; \quad x^6 + 19x^3 - 216\,; \quad x^4 - 16.$$

2. Show that the expression $\dfrac{(1 - x + x^2)^3}{x^2(1 - x)^2}$ is unaltered by substituting $\dfrac{1}{1 - x}$ for x.

3. Solve the problems,

(i.) Find a number such that the sum of four times the reciprocal of the number next below it and three times the reciprocal of the number next above it is five-twelfths.

(ii.) A horse dealer bought three horses for £70, and sold them for £78 15s. The rate per cent. of his profit on each horse was half the number of pounds which he gave for it, and the first horse cost twice as much as the second; find the cost price of each horse.

4. Prove the condition that the equation $ax^2 + bx + c = 0$ has unequal real, coincident, or imaginary roots.

Show that for real values of x the value of $\dfrac{x^2 - 2x + 2}{2x^2 + 3}$ lies between 1 and $\frac{1}{6}$.

5. Define the Arithmetic mean, the Geometric mean, and the Har-

monic mean between two quantities a, b, and taking a, b as positive, prove the order of magnitude of these three means.

6. Prove the rule for transforming radix-fractions from one scale of notation to another.

Verify that the numbers 22·44, 41·3, 121 in the scale of 5 are in Geometrical Progression (i.) directly, (ii.) by transforming the numbers into the scale of 10 and proving that they are so in that scale.

7. Show that the square root of $a + \sqrt{b}$ can be expressed as $\sqrt{x} + \sqrt{y}$, where x and y are rational, only when $a^2 - b$ is an exact square.

Find the square root of $10 + 3\sqrt{11}$.

8. Prove the Binomial Theorem when the index is a positive integer.

Write down the first five terms of the expansion in ascending powers of x of $(3 + 2x)^{10}$.

9. Define the characteristic and the mantissa of a logarithm, and explain carefully what we find in the tables.

Evaluate by the tables $[12{\cdot}93 \times \sqrt[3]{{\cdot}075}]^{-\frac{3}{2}}$.

10. Trace the changes in the value of sin A + cos A as the angle A passes through the values from 0° to 360°. Give its greatest and least algebraic values, and say how often it has any specified value which lies between these.

11. Express cos A + cos B, cos A − cos B in product form, and show that if A + B + C = 180°, cos 2A + cos 2B − cos 2C − 1 + 4 sin A sin B cos C = 0.

12. To a man in line with a side of the base of a square tower, the angle of elevation of the top of the front edge of the tower meeting this side is 30°, and the angle of elevation of the top of the other front edge he sees is 15°; find the height of the tower correct to the nearest foot, if a side of the base be 60 feet.

13. In any triangle prove the expressions for the sine and cosine of half an angle of the triangle in terms of the sides, showing that there is no ambiguity in the sign of the root.

14. In a triangle ABC we are given a, b, and the perpendicular, p, from C on AB, show how to find the angles and point out the possible double solution.

If we know that all the angles of the triangle are acute, find them when $a = 60$, $b = 53$, and $p = 42$.

NATURAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. Find in magnitude and position the resultant of two unlike parallel forces, pointing out the case in which the construction fails.

A force R is resolved into two unlike parallel components which are in a given ratio $m : n$ $(m > n)$, and act at a given distance a apart; find these components, and the distances of their lines of action from that of R in terms of R, m, n, a.

2. Give the conditions under which a body is in equilibrium under three forces.

A uniform rod AB, weight 20 lbs., is hinged at A, and supported horizontally by a cord fastened to B, and inclined at an angle 45° to the vertical. Find the tension of the string, and the reaction at the hinge in magnitude and direction.

3. Show that if a body rest in equilibrium on a horizontal plane the vertical line through its centre of gravity must fall within the area of the surface of the body in contact with the plane.

A circular table, radius three feet, weighs 60 lbs. and stands symmetrically on three legs forming a triangle, sides each 18 inches, show that the greatest weight that can be placed on the edge of the table without upsetting it is roughly 24·35 lbs. and show its position.

4. State the law as to the magnitude of limiting statical friction, and show then in what direction the total reaction of one surface on another acts.

A square lamina ABCD, whose plane is vertical, rests in contact along AD with a rough horizontal plane. At C a force is applied at right angles to the diagonal AC, show that the block will begin to turn about A and not to slide, if the coefficient of friction be greater than $\frac{1}{3}$.

5. Show that a couple and a force in one plane are reducible to a single force, and give its position and magnitude compared with the given force.

6. Describe the system of pulleys in which one end of each string is attached to a fixed beam, and show that $2^n P = W + (2^n - 1)w$, where P is the power, W the weight, w the weight of each pulley, and n the number of pulleys.

When in such a system there are two pulleys, each weighing 16 lbs., a man, weighing 154 lbs., hangs from the lowest, and partly supports himself by pulling at the free end of the rope, which passes over a fixed pulley and hangs vertically downwards. Assuming that all the ropes are vertical, show that his pull on the free end of the rope is 40·4 lbs. wt.

7. Show how to find the relative velocity of one body to another, when both are moving.

A river 80 yards wide is running at the rate of 3 feet per second, at what speed and in what direction must a man row relative to the water in order that he may go straight across in a minute?

8. State the laws of uniformly accelerated motion.

A body is let fall from the top of a tower 100 feet high, and half a second later another body is projected upwards from the foot of the tower with a velocity of 48 feet per second. When and where do the two bodies meet?

9. State Newton's second law of motion, and deduce the unit force, so that the equation $P = mf$ will hold, where P is the force reckoned in terms of this unit, m the mass of the body in lbs., and f the acceleration in foot-second units.

A locomotive is pulling a train of 10 carriages, each weighing 4 tons, up an incline of 1 in 100, the resistance due to friction being 16 lbs. wt.

per ton. If the tension of the coupling between the engine and the first carriage be 2,000 lbs. wt., find the acceleration of the train. [Neglect the resistance of the air.]

10. Define Energy, and give an expression for the Kinetic Energy of a body mass m lbs. moving with a velocity of v feet per second, stating clearly in what units your answer is.

A ball weighing 4 ounces, moving with a velocity of 1000 feet per second, strikes a shield, and, after piercing it, moves on with a velocity of 400 feet per second. How much energy has been expended in piercing the shield, and if the shield be 3 feet thick, what is the average resisting force of the shield to penetration?

[In both results state in what units your result is expressed.]

11. A body is projected in vacuo with a velocity v at an angle α to the horizon. Find its velocity after any time t, and show that in any position its velocity is equal to that which it would have acquired by falling freely to that position from a fixed horizontal line.

Find also the range on a horizontal plane through the point of projection.

SECOND PAPER—Three Hours.

1. Define a Modulus of Elasticity. Define Young's Modulus. Find Young's Modulus for a substance, a wire of which 300 cm. long and ·04 cm. in diameter is elongated ·41 cm. by a weight of 3·52 kilogrammes.

2. A cubical box is filled with equal volumes of two liquids which do not mix, densities ρ and 2ρ. Find the pressure on a side of the vessel, taking a as the length of an edge.

3. Show how to compare the densities of a liquid and a solid which will float in it, neglecting the air displaced.

A piece of wood weighing 27 lbs. is attached to a bar of silver weighing 19 lbs., and the two together weigh in water 17 lbs. Find the specific gravity of the wood, taking that of water as 1, and that of silver as 10·5.

4. State the laws of Boyle and Charles, and prove the relation

$$\frac{PV}{T} = \frac{P'V'}{T'}.$$

Describe the isothermals for common air and for carbonic acid gas at temperatures between freezing and boiling of water.

5. Describe the various modes of transverse vibration of a stretched string. Two strings are stretched side by side and are tuned one of them to the note C and the other to its octave C^1. If either string be sounded and then silenced the other will be found sounding C^1. Explain this.

6. State the law of speed of transmission of a pulsation of any sort in an elastic medium.

A wire which weighs 30 lbs. per nautical mile (6000 feet) is stretched on a monochord apparatus 4 feet long with a weight of 100 lbs. Find its fundamental note.

7. Define "index of refraction," and "refractivity" for a transparent

substance. How is the "potency" of a lens measured? Find the focal length for a double convex lens in which the radii are 4 in. and 5 in., and of glass whose index of refraction is 1·58.

8. Explain the relation between the two specific heats of a gas. Which of them can be measured experimentally? Describe the method of measurement. How may the other be inferred?

Find the external work done when a gramme of air is raised 1° C. in temperature, the pressure being constant and that of the standard atmosphere.

9. How has the absorbing power of different transparent bodies for different kinds of radiation been studied? Give a brief account of the results.

10. Define "magnetic moment" of an infinitely thin, uniformly, and longitudinally magnetized bar; and magnetic moment of a uniformly magnetized mass. What is meant by the intensity of a magnetic field? What is meant by saying that the earth's horizontal force at a place is ·153 C.G.S.?

11. Define "specific inductive capacity," and explain what it means. Describe some method of determining specific inductive capacities.

12. State Ohm's law.

A number $m \times n$ of cells is employed, m in series, to send a current through an external resistance R. The electro-motive force of each cell is e, and its internal resistance is r. Find the current. Find the maximum current which can be sent by three Daniell's cells, E.M.F. 1·07 each, and internal resistance 6 ohms each, through an external resistance of ½ ohm.

CHEMISTRY—See p. 509.
ZOOLOGY—See p. 509.
BOTANY—See p. 510.
GEOLOGY—See p. 499.

D.—DEPARTMENT OF HISTORY AND LAW.

HISTORY.

FIRST PAPER—THREE HOURS.

(*Not more than* EIGHT *questions should be attempted.*)

1. "The English Conquest of Britain differed in several important respects from every other settlement of a Teutonic people within the limits of the Roman Empire." Explain this statement.

2. Compare the attitude towards the State assumed by Dunstan, Becket, and Stephen Langton respectively. What light is thrown by their respective careers upon the position of the church at the three different periods?

3. Estimate the importance in the history of Scotland of the reigns of Malcolm II., Malcolm III., and David I.

4. Illustrate and account for the ease with which the Norman Conquest of England was effected.

5. Discuss the claims of Simon de Montfort to be regarded as the founder of the House of Commons.

6. Where are the following places, and what events are connected with them: Whitby, Ashdown, Brunanburh, Northallerton, Clarendon, Acre, Brigham, Norham, Dupplin Moor, Blanche Taque, Bretigny, Ravenspur, Beaugé, Bosworth, Langside, Fotheringhay?

7. Explain the aims of Edward I.'s legislation, with references to the chief statutes of his reign.

8. What special circumstances led to the alienation of England from the Papacy in the 13th and 14th centuries?

9. Compare the relative importance of the depositions of Edward II. and Richard II.

10. Explain the origin and the peculiar characteristics of the Wars of the Roses.

11. "Henry VII., though a Lancastrian by birth, pursued a Yorkist policy." Expand this statement.

12. Comment briefly upon the following passages from Shakespeare:—

(*a*) In short time after, he deposed the king;
Soon after that, deprived him of his life;
To make that worse, suffer'd his kinsman March
Who is, if every owner were well placed,
Indeed his king, to be engaged in Wales,
There without ransom to lie forfeited.

(*b*) O Douglas, hadst thou fought at Holmedon thus,
I never had triumph'd upon a Scot.

(*c*) There is no bar
To make against your highness' claim to France
But this, which they produce from Pharamond,
"No woman shall succeed to Salique land."

(*d*) But there's a saying very old and true,
"If that you will France win,
Then with Scotland first begin":
For once the eagle England being in prey
To her unguarded nest the weasel Scot
Comes sneaking and so sucks her princely eggs.

(*e*) Suffolk, the new-made duke who rules the roast,
Hath given the duchy of Anjou and Maine
Unto the poor King Reignier, whose large style
Agrees not with the leanness of his purse.

SECOND PAPER—Three Hours.

(*Not more than* EIGHT *questions should be attempted.*)

1. Trace and account for the breaking off of the old alliance between Scotland and France.

2. What causes may be assigned for the discontent which led (1) to the Pilgrimage of Grace, (2) to Ket's Rebellion?

3. Illustrate and account for the increased independence shown by the House of Commons in the reign of Elizabeth.

4. How far does the foreign policy of James I. of England justify his claim to be regarded as a master of statecraft?

5. Estimate the relative shares of (1) religious, (2) constitutional, and (3) social questions in bringing about the Great Rebellion.

6. Illustrate and account for the very great authority enjoyed by the Scottish Monarchy in the period between the Restoration and the Revolution.

7. What were the conditions which enabled Charles II. to triumph over the English Whigs in the later years of his reign, and what measures did he take to render his success permanent?

8. What special interests had England in the question of the Spanish Succession, and how far were those interests secured by the Treaty of Utrecht?

9. Estimate the importance of the Revolution of 1688 in the history of Ireland.

10. Describe the circumstances which led directly to the Scottish Union in 1707, and compare them with those which led to the Union with Ireland in 1800.

11. On what grounds can the career of John Wilkes be regarded as of real importance?

12. Examine the influence of the French Revolution upon the principles and the mutual relations of English political parties.

Constitutional Law and History—See p. 524.
Roman Law—See Civil Law, p. 517.
Public Law—See p. 521.

II.—FOR DEGREE OF M.A. WITH HONOURS.

(And for Snell Exhibition.)

A.—GROUP OF CLASSICS.

LATIN TRANSLATION—Three Hours.

1. Translate:—

(*a*) Virg. *Aen.* IX. 612—624.
(*b*) Hor. *Sat.* I. 1, 45—56.

2. Translate any *two* of the following passages:—

(*a*) Juv. III. 201—211.
(*b*) Mar. V. 78, 1—10.
(*c*) Catull. LXVIII. 105—116.
(*d*) Plaut. *Trin.* IV. 3, 1—11.

3. Translate any *three* of the following passages:—

(*a*) Cic. *Phil.* III. ch. IX. 22.
(*b*) Cic. *Epp. Fam.* VII. 25.
(*c*) Cic. *pro Mur.* XIV. 30.
(*d*) Liv. XXII. 53, 7—12.
(*e*) Tac. *Ann.* IV. 12.

4. Translate the following (unprescribed):—

Quam comitabantur fatalia carmina quercus,
Quercus ante datae, Cereris quam semina, vitae;
Illas Triptolemi mutavit sulcus aristis.
Hic, magnum Argoae navi decus, edita pinus
Proceras decorat silvas hirsuta per artus;
Appetit aereis contingere montibus astra
Ilicis et nigrae species, et laeta cupressus;
Umbrosaeque manent fagus, hederaeque ligantes
Brachia, fraternos plangat ne populus ictus;
Ipsaeque excedunt ad summa cacumina lentae,
Pinguntque aureolos viridi pallore corymbos;
Queis aderat veteris myrtus non nescia fati.
At volucres patulis residentes dulcia ramis
Carmina per varios edunt resonantia cantus.
His suberat gelidis manans e fontibus unda,
Quae levibus placidum rivis sonat orta liquorem;
Et quanquam geminas avium vox obstrepit aures,
Hanc querulae referunt voces, queis nantia limo
Corpora lympha fovet. VIRGIL, *Culex*, 132—150.

LATIN PROSE—THREE HOURS.

The trick of the trade, in a party leader, is to be able to mix continually with his followers and even his adversaries, to show himself, to move about daily, to play continually now to the boxes, now to the gallery, so as to reach the level of every intelligence, to discuss and argue without end, to say the same things a thousand times in different ways, and to be impassioned eternally in the face of the same objects. These are all things of which I am quite incapable. I find it troublesome to discuss matters which interest me little, and painful to discuss those in which I am keenly concerned. Truth is for me so rare and precious a thing that, once found, I do not like to risk it on the hazard of a debate; it is a light which I fear to extinguish by waving it to and fro. And as to consorting with men, I could not do so in any habitual and general fashion, because I never recognize more than a very few. Unless a person strikes me by something out of the common in his intellect and opinions, I, so to speak, do not see him. I have always taken it for granted that mediocrities, as well as men of merit, had a nose, a mouth, eyes; but I have never, in their case, been able to fix the particular shape of these features in my memory. I am constantly inquiring the name of strangers whom I see every day, and as constantly forgetting them; and yet, I do not despise them, only I consort but little with them, treating them as constant quantities. I honour them, for the world is made up of them; but they weary me profoundly.

LATIN GENERAL PAPER—One Hour and a Half.

1. Translate, with notes on syntax, reading, or allusions:—

(*a*) Et Bellona manet te pronuba. Nec face tantum
Cisseis praegnans ignis enixa iugalis;
Quin idem Veneri partus suus et Paris alter,
Funestaeque iterum recidiva in Pergama taedae.—Virg.

(*b*) Frater erat Romae consulti rhetor, ut alter
Alterius sermone meros audiret honores,
Gracchus ut hic illi, foret huic ut Mucius ille.
Qui minus argutos vexat furor iste poëtas?
Carmina compono, hic elegos. "Mirabile visu
Caelatumque novem Musis opus!"—Hor. *Epp.*

(*c*) Nunc ratio nulla est restandi, nulla facultas,
aeternas quoniam poenas in morte timendumst.—Lucr.

(*d*) Et tibi quae Samios diduxit littera ramos,
Surgentem dextro monstravit limite callem.—Pers.

(*e*) Qualis et Ischomache Lapithae genus heroine
Centauris medio grata rapina mero.
Mercurio talis fertur Boebeidos undis
Virgineum Brimo conposuisse latus.—Prop.

(*f*) Ita torridam incendio rupem ferro pandunt molliuntque anfractibus modicis clivos, ut non iumenta solum, sed elephanti etiam deduci possent.—Liv.

2. Discuss succinctly the question by what route Hannibal crossed the Alps, enumerating the ancient authorities on the subject.

3. Write a note on the relation of Tacitus to his materials.

4. Quote, explain, and criticise the judgments of Horace on the early Latin dramatic poets.

5. Point out the *religious* elements in the Aeneid.

6. Write a short essay on the *Comitia* at Rome, their constitution and history.

7. What change does *s* between two vowels usually undergo in Latin? Illustrate as copiously as you can.

GREEK TRANSLATION—THREE HOURS.

(*Candidates must not select for translation a passage from their Special Books.*)

1. Translate *one* of the following passages :—
   - (*a*) Hom. *Il.* V. 722—731.
   - (*b*) Hom. *Il.* XXIV. 751—759.
   - (*c*) Hom. *Od.* VI. 289—299.
   - (*d*) Hom. *Od.* XXIV. 222—231.
2. Translate *two* of the following :—
   - (*a*) Aesch. *Agam.* 1178—1187.
   - (*b*) Aesch. *Cho.* 691—699.
   - (*c*) Soph. *Oed. Tyr.* 484—496.
   - (*d*) Soph. *Ant.* 117—126.
   - (*e*) Eur. *Hipp.* 362—372.
   - (*f*) Eur. *Iph. A.* 1211—1219.
   - (*g*) Theocr. III. 25—36.
   - (*h*) Apoll. Rhod. III. 1390—1397.
3. Translate *two* of the following :—
   - (*a*) Thuc. III. 59.
   - (*b*) Thuc. VI. 87.
   - (*c*) Thuc. VII. 55.
   - (*d*) Thuc. VIII. 66.
   - (*e*) Plat. *Apol.* XXIX. 39A.
   - (*f*) Plat. *Phaed.* LX. 112D.
4. Translate the following passage (unprescribed) :—

> Κᾆτα δ᾽ ὡς ἐκ τῶν ἀγρῶν ξυνῆλθεν οὑργάτης λεώς,
> τὸν τρόπον πωλούμενος τὸν αὐτὸν οὐκ ἐμάνθανεν,
> ἀλλ᾽ ἅτ᾽ ὢν ἄνευ γιγάρτων καὶ φιλῶν τὰς ἰσχάδας
> ἔβλεπεν πρὸς τοὺς λέγοντας· οἱ δὲ γιγνώσκοντες εὖ
> τοὺς πένητας ἀσθενοῦντας κἀποροῦντας ἀλφίτων,
> τήνδε μὲν δικροῖς ἐώθουν τὴν θεὸν κεκράγμασιν,
> πολλάκις φανεῖσαν αὐτὴν τῆσδε τῆς χώρας πόθῳ,
> τῶν δὲ συμμάχων ἔσειον τοὺς παχεῖς καὶ πλουσίους,
> αἰτίας ἂν προστιθέντες ὡς φρονοῖ τὰ Βρασίδα.
> εἶτ᾽ ἂν ὑμεῖς τοῦτον ὥσπερ κυνίδι᾽ ἐσπαράττετε·
> ἡ πόλις γὰρ ὠχριῶσα κἀν φόβῳ καθημένη
> ἅττα διαβάλοι τις αὐτῇ, ταῦτ᾽ ἂν ἥδιστ᾽ ἤσθιεν.

GREEK PROSE—THREE HOURS.

Perjury, oppression, subornation, fraud, and the like infirmities, were among the most excusable arts they had to mention : and for these I made, as it was reasonable, great allowance. But when some confessed that they owed their greatness and wealth to debauchery ; others to the betraying of their country or their prince ; more, to the perverting of justice, in order to destroy the innocent ; I hope I may be pardoned if these discoveries inclined me a little to abate of that profound veneration, which I am naturally apt to pay to persons of high rank, who ought to be treated with the utmost respect due to their sublime dignity, by us their inferiors.

Here I discovered the roguery or ignorance of those who pretend to write anecdotes or secret history; who send so many kings to their graves with a cup of poison; will repeat the discourse between a prince and chief minister, where no witness was by; unlock the thoughts and cabinets of ambassadors and secretaries of state; and have the perpetual misfortune to be mistaken. Here I discovered the true causes of many events that have surprised the world. A general confessed in my presence that he had got a victory purely by force of cowardice and ill-conduct; and an admiral, that for want of proper intelligence, he beat the enemy to whom he intended to betray the fleet.

GREEK GENERAL PAPER—One Hour and a Half.

1. Translate with brief notes on the meaning, construction, or allusion the passages in *three* of the following sections:—

A.

(*a*) Ἀμφὶ δέ με χλαῖνάν τε χιτῶνά τε εἵματα ἕσσεν·
αὐτὴ δ' ἀργύφεον φᾶρος μέγα ἕννυτο νύμφη,
λεπτὸν καὶ χαρίεν, περὶ δὲ ζώνην βάλετ' ἰξυῖ
καλὴν χρυσείην, κεφαλῇ δ' ἐπέθηκε καλύπτρην.

(*b*) Ὡς δ' ὅτ' ἐπὶ προβόλῳ ἁλιεὺς περιμήκεϊ ῥάβδῳ
ἰχθύσι τοῖς ὀλίγοισι δόλον κατὰ εἴδατα βάλλων
ἐς πόντον προΐησι βοὸς κέρας ἀγραύλοιο,
ἀσπαίροντα δ' ἔπειτα λαβὼν ἔρριψε θύραζε,
ὣς οἵ γ' ἀσπαίροντες ἀείροντο προτὶ πέτρας. Hom. *Od.*

B.

(*a*) Ἑρμῆ χθόνιε πατρῷ' ἐποπτεύων κράτη,
σωτὴρ γενοῦ μοι σύμμαχός τ' αἰτουμένῳ·
ἥκω γὰρ ἐς γῆν τήνδε καὶ κατέρχομαι.

(*b*) ΧΟ. Ἀλλ' εὖ γ' ἔπραξας, μηδ' ἐπιζευχθῇς στόμα
φήμαις πονηραῖς μηδ' ἐπιγλωσσῶ κακά·
ἠλευθέρωσας πᾶσαν Ἀργείαν πόλιν
δυοῖν δρακόντοιν εὐπετῶς τεμὼν κάρα.
ΟΡ. ἀᾶ.
δμωαὶ γυναῖκες, αἵδε Γοργόνων δίκην
φαιοχίτωνες καὶ πεπλεκτανημέναι
πυκνοῖς δράκουσιν. Aesch. *Cho.*

C.

(*a*) Κἀγὼ 'πακούσας ταῦτα τὴν Κορινθίαν
ἄστροις τὸ λοιπὸν ἐκμετρούμενος χθόνα
ἔφευγον. Soph. *O. R.*

(*b*) Ἄλλῳ γὰρ ἢ 'μοὶ χρή με τῆσδ' ἄρχειν χθονός; Soph. *Ant.*

D.

(*a*) Εἰσὶ δ᾽ ἡδοναὶ πολλαὶ βίου,
μακραί τε λέσχαι καὶ σχολή, τερπνὸν κακόν,
αἰδώς τε. δισσαὶ δ᾽ εἰσιν· ἡ μὲν οὐ κακή,
ἡ δ᾽ ἄχθος οἴκων. εἰ δ᾽ ὁ καιρὸς ἦν σαφής,
οὐκ ἂν δύ᾽ ἤστην ταὐτ᾽ ἐχοντε γράμματα.

(*b*) ΧΟ. Τίνας νῦν τέχνας ἔχομεν ἢ λόγους
σφαλεῖσαι κάθαμμα λύειν λογου;
ΦΑ. ἐτύχομεν δίκας, ἰὼ γᾶ καὶ φῶς. Eur. *Hipp.*

E.

(*a*) Ἦν γὰρ αὐτοῖς τῶν τε ἀπ᾽ Αἰγύπτου καὶ Λιβύης ὁλκάδων προσβολή, καὶ λῃσταὶ ἁμα τὴν Λακωνικὴν ἧσσον ἐλύπουν ἐκ θαλάσσης, ᾗπερ μόνον οἱόν τ᾽ ἦν κακουργεῖσθαι· πᾶσα γὰρ ἀνέχει πρὸς τὸ Σικελικὸν καὶ Κρητικὸν πέλαγος.

(*b*) Καὶ τῆς ἀρχῆς τῆς ἡμετέρας οὐκ ἔλασσον κατὰ τὸ ὠφελεῖσθαι, ἔς τε τὸ φοβερὸν τοῖς ὑπηκόοις καὶ τὸ μὴ ἀδικεῖσθαι πολὺ πλεῖον μετειχετε.—Thuc.

F.

(*a*) Καὶ δὴ καὶ οἱ νέοι ταῦτα παρ᾽ ἐμοῦ μανθάνουσιν, ἃ ἔξεστιν ἐνίοτε, εἰ πάνυ πολλοῦ, δραχμῆς ἐκ τῆς ὀρχήστρας πριαμένους Σωκρατους καταγελᾶν, ἐὰν προσποιῆται ἑαυτοῦ εἶναι, ἄλλως τε καὶ οὕτως ἀτοπα ὄντα.

(*b*) Τί ἄξιός εἰμι παθεῖν ἢ ἀποτῖσαι, ὅ τι μαθὼν ἐν τῷ βίῳ οὐχ ἡσυχίαν ἦγον;—Plat. *Apol.*

2. Write a note on the articles of dress mentioned in A (*a*).

3. Discuss historically the dialect used by the Tragic Poets (*a*) in dialogue, (*b*) in the choral odes.

4. Discuss the policy of Pericles, Cleon, Alcibiades.

5. What is meant by 'early' and 'late strata' in Homer? *Or*, indicate briefly the chief differences between the state of society described in 'Homer' and that described in 'Hesiod.'

B.—GROUP OF MENTAL PHILOSOPHY.

LOGIC.

FIRST PAPER—Three Hours.

1. Discuss fully the grounds for and against the *subjectivity* of space.

2. Examine the relation in Kant's system between Unity of Understanding and Unity of Reason.

3. Consider in detail the content and range of application of the notions substance, cause, and reciprocal determination.

4. "Self-consciousness is logically and chronologically posterior to consciousness." Explain and discuss this.

5. State briefly the Kantian criticism of Rational Psychology, and consider its bearing on Kant's view of the Inner Life.

Explain and discuss the statement that the doctrine of an inner sense leads logically to a theory of mind which gives a false pre-eminence to Intellect, and is irreconcileable with the development of mind.

6. State briefly and contrast the general conceptions of philosophical method represented by Hegel and Herbart.

7. "Essence cannot contain or necessitate existence." Discuss this from the points of view of (*a*) Spinoza, (*b*) Kant, (*c*) Hegel.

SECOND PAPER—Three Hours.

1. Discuss the views that the conception of causal nexus is (*a*) the ground for the assertion of objectivity (*Schopenhauer*), (*b*) an integral part of the recognition of objectivity (*Kant*), or (*c*) both logically and chronologically posterior to the recognition of objectivity.

2. Take the notions in Spinoza's system of (*a*) substance, (*b*) eternal existence, (*c*) mode, (*d*) infinite intellect, and work out the relation between them and the corresponding elements in the Platonic philosophy.

3. Give a statement of the main points in (*a*) the epistemology of Antisthenes, (*b*) the metaphysic of the Megaric school which seem to have influenced the Platonic doctrine. Summarize Plato's criticism of both.

4. Write a full commentary on the statement that "the *Timæus* and *Philebus* present a view of the theory of ideas which approximates to the representation of its latest form given by Aristotle."

5. Express the general character and, so far as it can be made out, the final form of Plato's view on (1) the relation between the idea and the particular in the world of generation, (2) on the relation between sense-perception and thought, (3) on the relation between the individual soul and (*a*) the realm of generation, (*b*) the realm of absolute existence.

6. Compare the Platonic and Kantian views on the relation between the theoretical and the practical elements in Reason.

MORAL PHILOSOPHY.

FIRST PAPER—Three Hours.

1. Discuss the significance of *friendship* in ancient morals, with particular reference to Aristotle's conception of it.

2. Explain and discuss Plato's conception of degrees of knowledge and reality.

3. "Plato finally based the idea of the moral life on metaphysical grounds, Aristotle on psychological." Examine this statement.

4. How far can the defects of Spinoza's ethical theory be traced to his metaphysical doctrine?

5. Discuss the ethical use of the postulate of God which was made by Kant and Hegel.

6. Compare Descartes' view of philosophical method with Spinoza's.

7. State and discuss Lotze's view of the relation between the intellectual and the moral end.

SECOND PAPER—Three Hours.

1. "The conception of freedom is, as regards theoretical philosophy, transcendent; but in the practical exercise of reason it proves its reality by practical principles." How was Kant led to make this distinction, and what is its value?

2. On what grounds can the Critique of Judgment be regarded as expressing Kant's highest effort to reconcile the dualistic elements in his philosophy?

3. In what ways is Hegel's conception of the State open to criticism?

4. "Lotze adopted Hegel's view of Reality and Herbart's view of Thought." Explain and examine this statement.

5. "If there are things they must at least feel." How does Lotze arrive at this conclusion? What ethical consequences would flow from it?

6. "There is a growing tendency, expressed in the theories of Mill, Spencer, and Leslie Stephen, to view society as an organism." Can this statement be justified?

7. State and examine the conception of the Individual that lies at the basis of Modern Utilitarianism.

C.—GROUP OF MATHEMATICS AND NATURAL PHILOSOPHY.

MATHEMATICS.

FIRST PAPER—Three Hours.

1. Show that the lines joining the middle points of opposite edges of a tetrahedron meet in a point and bisect each other.

Show that if all these pairs of lines are at right angles, then the opposite edges are equal.

2. State and prove the exponential values for the sine and cosine of an angle.

Show that $\dfrac{\sqrt{3}}{2+\cos\theta} = 1 + \sum_1^\infty 2\,.\,(-1)^n(2-\sqrt{3})^n\cos n\theta$.

3. If at any point P on an ellipse the tangent be drawn, cutting the minor axis in T', and the perpendicular from P on the minor axis cut it in N', show that $CN'\,.\,CT' = CB^2$.

A series of conics with the same transverse axis are drawn, and from any point O in the conjugate axis tangents are drawn to the conics, show that the locus of the points of contact is a parabola with O as vertex and latus rectum a third proportional to CO and CA, C being the centre and CA the semi-transverse axis.

4. Prove that $\frac{x}{a}\cos\frac{\theta_1+\theta_2}{2}+\frac{y}{b}\sin\frac{\theta_1+\theta_2}{2}=\cos\frac{\theta_1-\theta_2}{2}$ is the equation of a chord joining the points on the ellipse $x^2/a^2+y^2/b^2=1$ whose eccentric angles are θ_1, θ_2. Deduce the equations of the tangent and the normal at the point, eccentric angle θ, on this ellipse.

A chord PQ is drawn in a fixed direction, cutting the ellipse in P and Q. Show that the locus of the intersection of the normals at P and Q is a hyperbola, but that when PQ is parallel to an equiconjugate diameter the locus is the other equiconjugate.

5. Interpret the equation $S+\lambda TV=0$ where $S=0$ is a conic, λ is a constant, $T=0$ a tangent to $S=0$, and $V=0$ some straight line.

Find the equation of the circle touching the parabola $y^2=4ax$ at the point $(am^2, 2am)$ and passing through the focus.

6. Define areal coordinates, and find the equation of a conic circumscribing the triangle of reference.

Show that the locus of the pole of $lx+my+nz=0$ with regard to the conic circumscribing the triangle of reference, and passing through the point (x_0, y_0, z_0) is

$$\frac{x}{x_0}(-lx+my+nz)+\frac{y}{y_0}(lx-my+nz)+\frac{z}{z_0}(lx+my-nz)=0.$$

7. Prove in a spherical triangle that

$$\cos a=\cos b\cos c+\sin b\sin c\cos A,$$

and deduce the lengths of the medians in terms of the sides.

$ABCD$ is a spherical quadrilateral, and P, Q the middle points of the arcs AB, CD respectively. Show that

$$\cos AC+\cos AD+\cos BC+\cos BD=4\cos\tfrac{1}{2}AB\cos\tfrac{1}{2}CD\cos PQ.$$

8. Prove Legendre's Theorem: If the sides of a spherical triangle be small compared with the radius of the sphere, then each angle of the spherical triangle exceeds by one-third of the spherical excess the corresponding angle of the plane triangle, the sides of which are of the same length as the arcs of the spherical triangle.

9. Show that when the equation of a curve can be put into the form $u_n+u_{n-2}+u_{n-3}+\ldots+u_0=0$, where u_r is a homogeneous integral function of x and y of the r^{th} degree, $u_n=0$ in general represents the asymptotes. Give the exceptional case; what form must the equation then take for the asymptotes to be read off by inspection?

Find the asymptotes of the curve

$$x(x+2y)(x-y+1)(x-y+5)+2x^2+6xy+y^2+5x+6y+7=0.$$

10. Prove how we ascertain the shape of a curve in the immediate neighbourhood of any point on it.

Find the shape at the origin of the curve

$$4(x^2+2y^2-2ay)^2=x^2(x^2+2y^2).$$

11. Define the tangent plane at any point of a quadric, and find the equation of it at the point (x', y', z') on $ax^2 + by^2 + cz^2 = 1$.

If a point describe a straight line, show that its polar plane with respect to a given quadric will pass through a fixed straight line.

12. Find the condition that the quadric

$$ax^2 + by^2 + cz^2 + 2fyz + 2gxz + 2hxy = 1$$

is one of revolution, noting any exceptional cases.

Prove that the locus of the vertices of the cones of revolution on the ellipse $x^2/a^2 + y^2/b^2 = 1$, $z = 0$ as base is a hyperbola.

13. Define circular curvature of a tortuous curve, and if ρ be the radius of circular curvature at the point (x, y, z) show that

$$\frac{1}{\rho^2} = \left(\frac{d^2x}{ds^2}\right)^2 + \left(\frac{d^2y}{ds^2}\right)^2 + \left(\frac{d^2z}{ds^2}\right)^2.$$

A curve is drawn on a cylinder, radius a, cutting the generator through at any point at an angle θ, show that at this point on the curve

$$\frac{1}{\rho^2} = \left(\frac{d\theta}{ds}\right)^2 + \frac{\sin^4\theta}{a^2}.$$

SECOND PAPER—Three Hours.

1. Show that in a continued fraction $a_1 + \frac{1}{a_2 +} \frac{1}{a_3 +} \frac{1}{a_4 +} \ldots$, if p_r/q_r be the r^{th} convergent, $p_n = a_n p_{n-1} + p_{n-2}$, and $q_n = a_n q_{n-1} + q_{n-2}$.

Also show that $p_n/p_{n-1} = a_n + \frac{1}{a_{n-1} +} \frac{1}{a_{n-2} +} \cdots \frac{1}{+ a_1}$.

2. Show that the determinant

$$\begin{vmatrix} 1+a_1 & 1 & 1 & \ldots\ldots\ldots\ldots & 1 \\ 1 & 1+a_2 & 1 & \ldots\ldots\ldots\ldots & 1 \\ 1 & 1 & 1+a_3 & \ldots\ldots\ldots\ldots & 1 \\ \ldots\ldots & \ldots\ldots & \ldots\ldots & \ldots\ldots\ldots\ldots & \ldots \\ 1 & 1 & 1 & \ldots\ldots\ldots\ldots & 1+a_n \end{vmatrix}$$

is equal to $a_1 a_2 a_3 \ldots a_n \left(1 + \frac{1}{a_1} + \frac{1}{a_2} + \ldots + \frac{1}{a_n}\right)$.

3. Explain carefully and prove the equation

$$du = \frac{\delta u}{\delta x_1} dx_1 + \frac{\delta u}{\delta x_2} dx_2.$$

Change the independent variables from x, y to ξ, η in the expression $e^{2y}\left(\frac{\delta^2 u}{\delta x^2} - \frac{\delta u}{\delta x}\right) - e^{2x}\left(\frac{\delta^2 u}{\delta y^2} - \frac{\delta u}{\delta y}\right)$, where it is given that $\xi = e^x + e^y$, $\eta = e^x - e^y$.

4. Work out the equations for finding the maximum and minimum values of a function of n variables when the n variables are connected by m equations, by the method of Undetermined Multipliers, showing that there are sufficient equations to determine all the unknowns.

Find in this way the equation for the maximum and minimum values of $x^2 + y^2 + z^2$ where $ayz + bzx + cxy = 1$.

5. Taking any point P on the hyperbola $x^2/a^2 - y^2/b^2 = 1$ as the point $(a \cosh \lambda, b \sinh \lambda)$, show that the area of the sector OAP is $\frac{1}{2}\lambda ab$, where OA is the semi-transverse axis, and O the centre. What is the corresponding result in the ellipse?

6. Evaluate
$$\int \frac{\sin x\, dx}{a \cos x + b \sin x - c},$$
where $c^2 > (a^2 + b^2)$, $\int \frac{(3x+4)\,dx}{(x-2)(x^2+x+1)}$, $\int_0^{\frac{\pi}{2}} \theta^2 \operatorname{cosec}^2 \theta\, d\theta$.

7. Define $B(m, n)$ and $\Gamma(n)$ and show that
$$B(m, n)\Gamma(m+n) = \Gamma(m)\Gamma(n).$$

8. Solve the equation $a^2(y - xp)^2 = (x^2 + y^2)^2(1 + p^2)$; and show that $x^2 + y^2 = a^2$ is a solution, and examine if it is a singular solution.

9. Prove the condition that the equation $Pdx + Qdy + Rdz = 0$ is derived from a single equation in x, y, z.

Integrate $xz(x+z)\,dy + xy(x+y)\,dz - yz(2x+y+z)\,dx = 0$.

10. Show that we can solve the partial differential equation $f(z, p, q) = 0$, by the assumption $z = \phi(x + ay)$, and give the geometrical explanation.

Solve the equation $p^2 + q^2 + 2px + 2qy = 2z$.

11. Define a spherical harmonic, and show that if $r^n f(\theta)$ is one, where r, θ are polar coordinates, then $r^{-(n+1)} f(\theta)$ is also one.

Work out the equation which must be satisfied by $f(\theta)$ when $\cos \theta$ is the independent variable.

12. Prove Rodrigues' formula,
$$P_n(\mu) = \frac{1}{2^n n!} \frac{d^n}{d\mu^n} \left\{ (\mu^2 - 1)^n \right\},$$
and hence that $$P_n = P_{n-2} + \frac{2n-1}{2^{n-1}(n-1)!} \frac{d^{n-2}}{d\mu^{n-2}} \left\{ (\mu^2 - 1)^{n-1} \right\}.$$

13. Prove the following results in connection with Bessel's Functions,
$$J_{n-1}(x) + J_{n+1}(x) = \frac{2n}{x} J_n(x),$$
$$J_0(x+y) = J_0(x)J_0(y) - 2J_1(x)J_1(y) + 2J_2(x)J_2(y) \ldots.$$

14. Give the differential equation satisfied by $J_n(\lambda x)$, and hence, or otherwise, show that $\int_0^a x J_n(\lambda_1 x) J_n(\lambda_2 x)\, dx = 0$, if λ_1, λ_2 are different solutions of the equation $J_n(\lambda a) = 0$, and find the value of this integral when $\lambda_1 = \lambda_2$.

NATURAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. Define the axis of a couple and prove the rule for compounding two couples.

2. Show that a system of forces can be reduced to a force and a couple with axis parallel to the force, and that this equivalent system is unique.

3. A uniform elastic string of given length is attached to two fixed points and is under the action of a central force, prove the relations $T + \frac{T^2}{2E} + \int F\,dr = C$, $Tp = A$, where T is the tension at any point, E the modulus of elasticity, F the central force, r the distance to the centre of force, p the perpendicular from the centre of force on the tangent, and A, C constants.

If F_1 and F_2 are respectively the laws of the central force per unit mass under which a particle describes freely a certain curve, and under which an inelastic string assumes the form of this curve, show that the law of the central force F per unit mass of the string from the same pole under which an elastic string would assume this same form is a linear function of F_1 and F_2.

4. Investigate formulae for finding the centre of inertia of a wire of given line-mass.

The line-mass of a circular wire varies inversely as the square of the distance from a fixed internal point, show that this point is its centre of inertia.

5. Show that in a central orbit $v^2 = A - 2\int P\,dr$; also $v^2 = \frac{1}{2}Pq$ where P is the central attractive force per unit mass, q the chord of curvature in the direction of the force and A a constant.

A particle is describing an ellipse about a focus S. When it arrives at one extremity of the latus rectum through S it receives a blow which causes it to describe the confocal hyperbola, find its new velocity and prove that the direction of the blow makes with the tangent to the ellipse the angle $\cot^{-1}e$, where e is the eccentricity of the ellipse.

6. Define an apse in a central orbit, give the condition for it, and show that the orbit is symmetrical about an apse.

A particle is projected from an apse at a distance a from the centre of force, the law of the force being $\mu r^{-11/3}$, and the velocity of projection being $\sqrt{3\mu/2a^{4/3}}$, prove that the curve described is $r^{4/3} = a^{4/3}\cos\frac{4}{3}\theta$.

7. Give the equations of motion of a particle moving on a smooth plane curve under known forces.

A heavy particle is projected with a given velocity from the lowest point along the inside of an ellipse placed in a vertical plane with axis major vertical, find the conditions that the particle (1) makes oscillations, (2) leaves the curve at some point, (3) makes complete revolutions.

8. Prove the equations for determining the motion of a body in two dimensions under given impulses.

A uniform rod is moving without rotation perpendicularly to its length on a horizontal plane when it hits an inelastic particle, whose mass is half that of the rod, at rest; if the point of the rod that comes in contact is quarter of the length of the rod from one end, find the point round which the rod begins to turn immediately after the blow.

9. State what is meant by the equation of Vis Viva, and state generally when it can be used.

A perfectly rough sphere starts from rest to roll down an equal fixed sphere from the top, write down the dynamical equations of motion and the geometrical condition of pure rolling, and show that there are enough equations to determine the motion.

Show also that the pressure varies as $(\cos\phi - \cos\phi_0)$ where ϕ is the angle the common normal makes with the vertical at any moment and ϕ_0 the value of this angle when the two spheres separate.

10. Show that if at any moment $udx + vdy + wdz$ is an exact differential for a perfect fluid moving under the action of a conservative system of forces, then $udx + vdy + wdz$ is always an exact differential for the same portion of fluid provided the density is constant or a function of the pressure.

In what class of cases does a velocity-potential exist? Give a physical interpretation of the velocity-potential.

11. Show that the kinetic energy of a liquid moving irrotationally contained within a closed surface depends solely on the motion of the surface.

A sphere of radius a moves in a straight line in an infinite mass of liquid of uniform density ρ with velocity V. Determine the kinetic energy of the liquid.

SECOND PAPER—Three Hours.

1. Explain what is meant by the elasticity of a fluid, and the elasticity of a solid. Contrast a fluid with a solid in respect to perfectness of elasticity. Explain how something like imperfectness of elasticity is found when a fluid is suddenly compressed.

2. Define "Young's modulus," "compressibility modulus," and "rigidity modulus." Investigate a formula for calculating the Young's modulus of a solid, for which the compressibility modulus and the rigidity modulus are known.

3. What is meant by "Poisson's ratio"? Give a short historical statement of views which have been held regarding it, and of what experiment has proved in respect to those views. Illustrate by india-rubber and cork.

4. Find (a) the flexural rigidity of a round rod of which the rigidity modulus is known; and (b) its torsional rigidity.

5. Prove that when a gas experiences condensation or dilatation without gain or loss of heat across the walls of the containing vessel, the relations between temperature, pressure, and volume are expressed by

$$t'/t = (V/V')^{k-1} = (P'/P)^{(k-1)/k}.$$

Explain what k means, and describe an experiment for determining its numerical value.

6. Prove that when a uniform bar is balanced on a single trestle at its middle, the droop of its ends is only 3/5 of the droop which its middle has when the bar is supported on trestles at its ends.

7. A conducting sphere (1) uninsulated, (2) insulated and at potential V, is under the influence of an external point electric charge. Find

the density of the induced charge at any point of the surface of the sphere in each case.

8. Define potential at a point. Find the potential of a short magnet at an external point. Find also the resultant of the magnetic force at that point both in direction and in magnitude.

9. A copper globe 4 cms. in diameter is hung from a fixed support by a copper wire 1 mm. in diameter and 6 cms. long. The support is kept permanently at 50° C. above the surroundings. Find the temperature of the globe. Emissivity, 1/4000; conductivity of copper, 0·996.

10. Prove that for an instantaneous plane source

$$V = \frac{1}{2\sqrt{\pi k t}}\, e^{-x^2/4kt}$$

satisfies Fourier's equation for the linear conduction of heat. Interpret the result.

D.—GROUP OF ENGLISH (LANGUAGE, LITERATURE, AND BRITISH HISTORY).

FIRST PAPER—Two Hours.

ANGLO-SAXON.

(*Answer the* FIRST TWO *questions first.*)

1. Translate:—

(*a*) Ond for ðon ic ðē bebīode ðæt ðū dó swǣ ic gelīefe ðæt ðū wille, ðæt ðū ðē ðissa woruldðinga tō ðǣm geæmetige, swæ ðū oftost mæge, ðæt ðū ðone wīsdōm ðe ðē God sealde ðǣr ðǣr ðū hiene befæstan mæge, befæste. Geðenc hwelc witu ús ðā becōmon for ðisse worulde, ðā ðā wē hit nōhwæðer ne selfe ne lufodon, ne ēac ōðrum monnum ne lēfdon: ðone naman ānne wē lufodon ðætte wē Cristne wǣren, ond swīðe fēawe ðā ðēawas.

(*b*) Þā hēt se cyng faran mid nigonum to þara niwena scipa; ond forfóron him þone mūðan foran on ūtermere. Þā fóron hie mid þrim scipum ūt ongēn hie, ond þréo stódon æt ufeweardum þǣm mūðan on drygum: wǣron þā menn uppe on londe of ágáne. Þā gefēngon hie þara þrēora scipa tu æt ðǣm mūðan ūteweardum, ond þā menn ofslógon, ond þæt án oðwand; on þǣm wǣron ēac þā menn ofslægene būton fīfum; þā cōmon for ðy on weg ðē ðāra óþerra scipu ásæton. Þā

wurdon ēac swīðe unēðelice áseten: þrēo ásǣton on ðā healfe þæs dēopes ðe ðā Deniscan scipu āseten wǣron, ond þā ōðru eall on ōþre healfe, þæt hira ne mehte nān tō ōðrum.

(*c*) For ðām hit is on ūs eallum swutol and gesȳne þæt wē ǣr þisan oftor brǣcon þonne wē bētтan, and ðȳ is þisse þēode fela onsǣge. Ne dohte hit nū lange inne ne ūte, ac wæs here and hunger, bryne and blōdgyte on gewelhwylcon ende oft and gelōme; and ūs stalu and cwalu, strīc and steorfa, orfcwealm and uncoðu, hōl and hete and rȳpera rēaflāc derede swȳðe þearle, and ūs ungylda swȳðe gedrehton, and ūs unwedera for oft wēoldan unwæstma.

(*d*) Ic þæt londbūend, lēode mīne,
selerǣdende secgan hȳrde,
þæt hīe gesāwon swylce twegen
micle mearcstapan mōras healdan,
ellorgǣstas: ðǣra ōðer wæs,
þæs þe hīe gewisslicost gewitan meahton,
idese onlīc, wæs ōðer earmsceapen
on weres wæstmum wræclāstas træd,
nefne hē wæs māra þonne ǣnig mann ōðer,
þone on gēardagum Grendel nemdon
foldbūende; nō hīe fæder cunnon,
hwæþer him ǣnig wæs ǣr ācenned
dyrnra gāsta.

(*e*) Þā wearð sīð and late sum tō ðām ārod
þāra beadorinca, þæt hē in þæt būrgeteld
nīðheard nēðde, swā hyne nȳd fordráf:
funde ðā on bedde blācne licgan,
his goldgifan gǣstes gēsne,
līfes belidenne.

(*f*) For þon nū mīn hyge hweorfeð ofer hreþerlocan,
mīn mōdsefa mid mereflōde
ofer hwæles ēþel, hweorfeð wīde
eorþan scēatas, cymeð eft tō mē
gīfre and grǣdig, gielleð ānfloga,
hweteð on hwælweg hreþer unwearnum
ofer holma gelagu: for þon mē hātran sind
Dryhtnes drēamas þonne þis dēade līf
lǣne on londe: ic gelȳfe nō,
þæt him eorðwelan ēce stondað.

Simle þrēora sum þinga gehwylce
ǣr his tīd āgā tō twēon weorþeð:
ādl oþþe yldo oþþe ecghete
fǣgum fromweardum feorh oðþringeð.

2. Translate, with notes on the words and phrases in italics:—

(*a*) Þāra hē sǣde þæt hē *syxa sum* ofslōge syxtig on twām dagum.

(*b*) And hē þā bōc *unnendre handa* hire tō lēt.

(*c*) Gif hé hwōn hnappode, ðǣrrihte hine *drehton* nihtlice gedwimor, swā þæt him ðæs slǣpes of þuhte.

(*d*) Þæt wæs *ān foran ealdgestrēona.*

(*e*) Ne þurfe wē ūs spillan, gif *gē spēdaþ tō þām.*

(*f*) Ic hēan þonan
wod wintercearig *ofer waþema gebind,*
sohte sele drēorig sinces bryttan.

3. Give the chief parts of the verbs to which belong—*gebrægd*, *rad*, *gefeah*, *meahte*, *wrǣcon*, *gecoren*; and parse—*fara*, *hergum*, *sæcc*, and *é*.

4. What are the characteristics of the Anglo-Saxon poetry, (*a*) of war, (*b*) of religion?

SECOND PAPER—Two Hours.

MIDDLE ENGLISH.

(*Answer the* FIRST TWO *questions first.*)

1. Translate:—

(*a*) Þa answærede Vortiger‘
of alc an vfele he wes war.
Ich ileue þe cniht‘
þat þu me sugge soð-riht.
And wulche beoð æoure ileuen‘
þat ȝe on ileueð.
And eoure leofue godd‘
þe ȝe to luteð.

(*b*) Nenne mon ne leten heo in: ne þe ȝungre ne speke mid none monne bute leaue: ne ne go nout ut of tune wiðuten siker uere⁏ ne ne ligge ute. Ȝif heo ne con o boke, sigge bi Paternostres and bi auez hire vres⁏ and wurche þet me hat hire wiðuten grucchunge. Habbe euer hire earen opene touward hire dame. Nouðer of þe wummen ne beren urom hore dame, ne ne bringen to hire none idele talen, ne neowe tiðinges: ne bitweonen hamsulf ne singen⁏ ne ne speken none worldliche spechen⁏ ne lauhwen, ne ne pleien so þet ei mon þet hit iseie muhte hit to vuel turnen. Ouer alle þing leasunge and luðere wordes hatien. Hore her beo i-koruen⁏ hore heued cloð sitte lowe.

(*c*) For sextene ger ioseph was old,
Quane he was in-to egipte sold;
He was iacobes gunkeste sune,
Brictest of wastme, and of witter wune,
If he sag hise breðere mis-faren,
His fader he it gan vn-hillen and baren;
He wulde ðat he sulde hem ten
ðat he wel ðewed sulde ben;
for-ði wexem wið him gret nið
And hate, for it in ille lið.

(*d*) Lauerd, þat girde me with might,
And set vnwemmed mi wai right;
Þat set mi fete als of hertes ma,
And ouer heghnes settand me swa;
Þat leres mi hend at fight nou,
And mine armes als brasen bow set þou.
And þou gaf me forhiling of hele of þe,
And þi right hand onfanged me;
And þi lare in ende me rightid al,
And þi lare it me lere sal.

(*e*) Ich yzeȝ þe ilke onspekynde an on-todelinde magesté of þe holy trinyté. be-gynnynge ne ende ne heþ. Ac and lyȝt þer-inne woneþ þet me ne may naȝt come to. Vram þo lyȝte byeþ y-þorsse mine eȝen and þe zyȝþe þyester. Hyt ouergeþ uorzoþe alle wyttes and alle zyȝþes. þe ilke bryȝtnesse. and þe ilke uolnesse. Þaȝles a lytel ich yzeȝ oure lhord iesu crist ine riȝt half zittinde. þet is to zygge: ine þe lyue wyþoute ende regnynde.

(*f*) With that thair bowis avay thai kest,
And com on fast but langar frest.

The kyng thame met full hardely,
And smat the first so Rigorusly,
That he fell ded doun on the greyn.
And quhen the kyngis hounde has seyn
Thai men assale his mastir swa,
He lap till ane and can hym ta
Richt be the nek full felonly,
Till top our taill he gert hym ly.

2. Comment, in the case of each of the above passages, on (*a*) the dialect, (*b*) foreign elements in the language, (*c*) any further points which seem to you to deserve notice.

3. Sketch the history of the changes that went on in the English language from the Norman Conquest to the time of Chaucer.

4. Explain Ormin's system of spelling. What do you know (*a*) of the origin of Layamon's *Brut*, and (*b*) of the Wycliffite versions of the Bible?

5. Give some account of the alliterative poetry of the latter half of the fourteenth century.

THIRD PAPER—Two Hours.

GENERAL HISTORY OF ENGLISH LITERATURE.
1350-1660.

1. "Langland is a more thoroughly English writer than Chaucer." Discuss.

2. Did Chaucer in the *Canterbury Tales* make any important advance on his previous poems?

3. Write an estimate of the poetry of Dunbar, or Douglas, or Lindsay.

4. How far is it possible to account for the comparative poverty of literature (*a*) in England during the 15th century, or (*b*) in Scotland from the Reformation to 1660?

5. Notice various aspects of the English Renascence shown in More, Elyot, and Ascham.

6. "The *Fairy Queen* is typical of the poetry of Elizabeth's reign; it could not have been written in the reign of James." Discuss.

7. Estimate the literary value of Bacon's writings.

8. In what sense may Milton be called our first 'classical' poet?

9. Write short notes on the following: *Mirror for Magistrates*, *Euphues*, *Ecclesiastical Polity*, *Polyolbion*, *Anatomy of Melancholy*, *Religio Medici*.

FOURTH PAPER—Two Hours.

GENERAL HISTORY OF ENGLISH LITERATURE. 1660-1896.

1. What causes may be assigned for the predominance of prose during the century after 1660?

2. What do you know about the poetry of nature from Pope's *Windsor Forest* to the *Lyrical Ballads*?

3. Recount briefly the history of the *Tatler* and *Spectator*, and estimate their influence upon literature.

4. Write a short history of the novel in the eighteenth century.

5. Trace the steps in the transition between the classical and the romantic school of poetry.

6. Discuss the poetry of Coleridge. What light is thrown upon it by the poet's life and character?

7. Estimate the influence of German upon English literature during the present century.

8. "I (Matthew Arnold) have less poetical sentiment than Tennyson, and less intellectual vigour and abundance than Browning; yet I have perhaps more of a fusion of the two than either of them." Examine this view of the three poets.

9. Write short notes on the following: *Eothen*, *The Queen's Wake*, *MacFlecknoe*, *The Shepherd's Week*, *Inquiry concerning Political Justice*, *The Schoolmistress*, *Lamia*, *Ambarvalia*.

FIFTH PAPER—Two Hours.

SHAKESPEARE.

1. What evidence of progress is afforded by Shakespeare's use of historical materials in *Henry IV.* as compared with (1) *King John*, (2) *Henry VI.*?

2. What seems to be Shakespeare's conception of comedy in *Love's Labour's Lost*, *Much Ado*, and *The Tempest* respectively?

3. To what extent was Shakespeare influenced by the opinions and prejudices of his time? Illustrate (1) from his life, (2) from his works.

4. Examine the question of the origin and biographical significance of the sonnets.

5. From what sources did Shakespeare draw the plots of the following plays? In what ways did he alter or add to his authorities?—*Cymbeline*, *The Merchant of Venice*, *Hamlet*, *As You Like It*.

6. Discuss the evidence, external and internal, for the dates of the following plays: *Romeo and Juliet*, *Julius Cæsar*, *Macbeth*.

7. Is the law of dramatic unity observed by Shakespeare? and if so, in what sense does he understand it?

8. On what occasions is Shakespeare believed to have been out of England? Discuss the supposed influence of his journeys upon his works.

9. Explain the following expressions, and state in what context they occur? Lipsbury pinfold; Why he cannot abide a gaping pig. . . . Why he, a woollen bagpipe; I'll graff it with you, and then I shall graff it with a medlar; The crow Makes wing to the rooky wood; I shall see some squeaking Cleopatra boy my greatness.

SIXTH PAPER—Two Hours.

SHAKESPEARE.

1. Is there any ground for speaking of a 'period of pessimism' in Shakespeare's dramatic career?

2. How would you characterize *Othello* in distinction from Shakespeare's other tragedies?

3. Discuss the dramatic propriety of the treatment of Falstaff by Henry V. on his accession.

4. Analyze the character of Hamlet or of Iago.

5. Analyze the character of Richard III. or of Coriolanus.

6. Write an estimate of *Troilus and Cressida* or of the *Winter's Tale*.

7. Discuss any two of the following characters: Rosalind, Viola, Isabella, Cleopatra, Imogen.

8. Was Macbeth a coward?

9. What is the effect of the following characters on the plays in which they appear: Faulconbridge, Jaques, Dogberry, The Fool in *King Lear*.

SEVENTH PAPER—Two Hours.

SCOTT.

1. Show by reference and quotation how the qualities visible in Scott's metrical romances reappear in the novels; and explain why Scott was more successful in the latter than in the former.

2. Examine Ruskin's assertion that Scott's illness in 1819 permanently lowered the quality of his work.

3. Write a sketch of the plot, and a brief criticism, of either *The Heart of Midlothian*, or *The Fortunes of Nigel*, or *The Fair Maid of Perth*.

4. Discuss Scott's handling of historical materials, with special reference to the Age of Chivalry, the Scottish Covenanters, and the Rebellion of '45.

5. What arguments, based on Scott's tastes, pursuits, and character, might have been adduced, prior to his avowal, to establish his authorship of the Waverley Novels?

6. Discuss the plots of the Waverley Novels. Mention instances in which Scott suffered himself to be influenced by the advice of friends, and examine the effect of that advice.

7. Scott's representation of the humour of the poorer classes in Scotland. Illustrate especially from Andrew Fairservice, Edie Ochiltree, Bryce Snailsfoot, Cuddie Headrigg, and Meg Dodds.

8. Compare and examine the various studies of madness in the Waverley Novels.

9. Write brief notes upon the following: Wandering Willie's Tale; David Ritchie, the Black Dwarf; The King's Lug; The Children of the Mist; Martius Galeotti; The Diamond of the Desert; Fenella; Mrs. MacCandlish; Ailsie Gourlay; Flibbertigibbit.

EIGHTH PAPER—Two Hours.

SHELLEY.

1. Give the chronological order of Shelley's longer works. Do you think his poetry showed any advance in the last two years of his life?

2. "The ideas in Shelley's poetry belong mainly to Godwin and Plato." Discuss.

3. Write a critical account of *Alastor* or of *Epipsychidion*.

4. "The subjects of the *Revolt of Islam* and of *Prometheus Unbound* are essentially the same; but the first poem is a failure, the second a splendid success." Discuss.

5. Estimate the dramatic merits of *The Cenci*.

6. Shelley's treatment of Nature.

7. Characterize Shelley's style and versification, comparing them, if you please, with those of contemporary poets.

8. Briefly characterize the following: *The Sensitive Plant*, *Arethusa*, *Ode to the West Wind*, *Lines written on hearing the news of the Death of Napoleon*, "One word is too often profaned."

9. Shelley's debt to other poets, and his influence on other poets.

NINTH PAPER—Two Hours.

TENNYSON.

1. Give the dates of Tennyson's principal publications. What do you consider to be revealed by the chronological study of his work?

2. The influence of the feeling of patriotism on Tennyson's poetry.

3. Compare Tennyson's *In Memoriam* with Shelley's *Adonais*.

4. What were the literary influences that formed Tennyson?

5. Write a short history of Tennyson's dramas, and criticise either *Harold* or *Becket*.

6. What seem to you to be the most noticeable characteristics of Tennyson as a lyric poet? Compare him in this respect with Shelley.

7. Write an outline of the plan of *The Princess*, and criticise the poem.

8. "There is no warmth, no life, no love in Nature as Tennyson conceives it." Examine this judgment.

9. Give approximately the dates of the following poems, and briefly characterize them: *The Daisy*, *Despair*, *Merlin and the Gleam*, "Of old sat Freedom on the heights," *The Lover's Tale*.

TENTH PAPER—Three Hours.

BRITISH HISTORY, 1714-1815.

(*An equal number of questions should be attempted in each part of the paper, and these should include question* 7.)

1. Estimate the influence of the connexion with Hanover upon British foreign policy under the first two Georges.

2. Compare Walpole and the younger Pitt as regards (1) the sources of their parliamentary ascendency, (2) their opportunism.

3. Note the chief stages in the growth of British influence in India, and account for its triumph.

4. Explain accurately the changes made in 1782 in the government of Ireland, and account for the failure of the system then established.

5. Estimate the influence of the French Revolution upon English political parties.

6. Examine the part played by this country in the war against Napoleon after 1803, and show how it contributed to the ultimate defeat of the French.

7. Comment briefly on the following passages:—

(*a*) The distempers of monarchy were the great subjects of apprehension and redress in the last century; in this, the distempers of Parliament.

(*b*) That Connexion and Faction are equivalent terms is an opinion which has been carefully inculcated at all times by unconstitutional statesmen.

(*c*) Incredible as it may seem, you know that you have deliberately thrown away a large duty which you held secure and quiet in your hands, for the vain hope of getting one three-fourths less, through every hazard, through certain litigation, and possibly through war.

(*d*) Your Ministers, in your own and his Majesty's name, have already adopted the American distinction of internal and external duties.

(*e*) To cut off all appearance of connexion between the crown and publick justice, the old independent judicature of the Parliaments, with all its merits, and all its faults, was wholly abolished.

8. Estimate the extent of Burke's influence upon the politics of his own time.

9. "The more moderate among the opposers of parliamentary concessions freely confess that they hope no good from taxation; but they apprehend the Colonists have further views; and if this point were conceded, they would instantly attack the Trade Laws." Examine the relative share of these two causes of discontent in leading to the American revolt.

10. Do the acts of the first Rockingham ministry justify the eulogy passed on it by Burke?

11. Discuss the assertion that the *Reflections on the Revolution in France* mark a complete departure from Burke's earlier writings.

12. "Your constitution was suspended before it was perfected; but you had the elements of a constitution very nearly as good as could be wished." How far is this assertion justified by the condition of France before the Revolution?

III.—FOR DEGREE OF B.Sc.

A.—IN PURE SCIENCE.

FIRST EXAMINATION.

1. Mathematics.—See pp. 457—459.
2. **Natural Philosophy.**—See pp. 459—462.
3. Chemistry.—See p. 509.
4. Botany.—See p. 509.
5. Zoology.—See p. 510.

FINAL EXAMINATION.

1.—PHYSIOLOGY.

1. Discuss the phenomena—physical, chemical, vital—of muscular fatigue. Draw an accurate fatigue tracing.

2. Discuss the arguments for and against a physical or a secretory theory of lymph formation.

3. Define generally the motor areas of the brain. Give an historical account of their discovery. Describe briefly Goltz's experiments on the brain of dogs and show how they were made to harmonize with Ferrier's results from electrical stimulation.

2.—ASTRONOMY.

FIRST PAPER—Three Hours.

1. Draw a diagram of the celestial sphere which contains the great circles of mean ecliptic and mean equator at two epochs; point out the lunisolar precession, the general precession, and the planetary precession. Give the spherical triangles which lead to the relation between right-ascensions and declinations of a star at these two epochs. Mention which quantities are directly deduced from observations, and which are entirely based on theory.

2. (*a*) Give the cause of nutation and derive the curve described by the true pole round the mean pole.

(*b*) Enter in a diagram of the celestial sphere for latitude 60° the true geocentric position of the sun on May 21, at Sidereal time 6^h. Give the apparent direction as due to aberration, and the displacements due to parallax and refraction.

3. (*a*) The right-ascension and declination of a star are given for the mean equinox of 1755, and the apparent position of the star is required for 1897, March 20. Which reductions must be made?

(*b*) Define the equation of time.

4. (*a*) Describe how the errors of the Transit Instrument can be determined. Draw the spherical triangle which gives the right-ascension of a star as a function of the observed time of transit, of the correction of the sidereal clock, and of the errors of the instrument.

(*b*) Define the errors of the Equatorial. Give a method by which the Index Error of the Declination Circle can be found. Relate how the instrument can be adjusted.

5. (*a*) Construct the epicycle described by Jupiter in its motion round the earth. Sidereal Period = 12 years. $a = 5{\cdot}2$ astronomical units.

(*b*) Prove that the eccentricity of an orbit of a body can be found from the linear velocity and the angle contained between the radius vector and the direction of motion.

6. (*a*) Find the disturbing force and its direction exerted by the attraction of the sun on the moon in its motion round the earth.

(*b*) The periodic time of the double star α Centauri is 77 years, the major axis of the orbit $= 35''{\cdot}0$ and the parallax $= 0''{\cdot}75$. Find the sum of the masses of the two components in units of the mass of the sun.

SECOND PAPER—THREE HOURS.

1. STAR OCCULTATION.—Derive the condition, that a place on the earth lies in a cylinder described round the moon and star, and express this condition by means of the spherical coordinates of the place on the earth and the right-ascensions and declinations of star and moon at the sidereal time when the condition is satisfied. Shortly mention the transformation which will give the moment of occultation from this equation.

2. PRECESSION.—Develop the moments of the couples produced by the attraction of the moon or sun on the earth, on the assumption that the system of coordinates is adjusted with regard to the principal axes of inertia. Derive the differential changes of the position of the earth's axis of rotation, if this axis coincides with one of the principal axes, and point out why it is advantageous to refer these changes to planes which are determined by the poles of the ecliptic and equator.

3. Derive the differential equations of motion of a mass with regard to a central body, define K^2 and carry out the first two integrations.

4. Given the node and inclination of the plane of the orbit, the longitude of the perihelion, the true anomaly and the radius vector of a planet, and the obliquity of the ecliptic, draw the spherical triangles which determine the rectangular heliocentric coordinates of the planet as referred to the equator, the X axis pointing to the vernal point.

5. METEORS.—The radiant point of a meteoric swarm has been observed, and its periodic time is known. Give, with the aid of diagrams, the successive steps in the determination of its orbit round the sun.

6. COMETS.—The chord between two positions of a comet or planet is divided approximately in the ratio of the intervals of time, by a line joining the sun and an intermediate position. With the aid of diagrams indicate how the ratio of two geocentric distances of a comet can be expressed by quantities which can be deduced from observations.

7. INTERPOLATION.—Let A, B, $C\dots$ be values of $X = f(x)$ for $x = a, b, c\dots$ then Lagrange's formula of interpolation is

$$\frac{X}{(x-a)(x-b)(x-c)\dots} + \frac{A}{(a-x)(a-b)(a-c)\dots} + \frac{B}{(b-x)(b-a)(b-c)\dots}$$
$$+ \frac{C}{(c-x)(c-a)(c-b)\dots} + \dots = 0.$$

Transfer this formula to

$$X = A + (x-a)(a, b) + (x-a)(x-b)(a, b, c)$$
$$+ (x-a)(x-b)(x-c)(a, b, c, d) + \dots,$$

where the symbols are defined by

$$(a, b, c\dots) = \frac{A}{(a-b)(a-c)\dots} + \frac{B}{(b-a)(b-c)\dots} + \frac{C}{(c-a)(c-b)\dots} + \dots$$

Further prove that the symbols can be expressed by the successive differences of the function if $b - a = c - b = d - c$.

8. MECHANICAL QUADRATURE.—Stirling's formula of interpolation is

$$f(a + nw) = f(n) + nf'(a) + \frac{n^2}{1\,.\,2}f''a + \frac{n(n^2-1)}{1\,.\,2\,.\,3}f'''a + \frac{n^2(n^2-1)}{1\,.\,2\,.\,3\,.\,4}f^{\text{iv}}a.$$

Prove that

$$\int_{-\frac{1}{2}}^{i+\frac{1}{2}} f(a + nw)\,dn = {}'f(a + i + \tfrac{1}{2}) + \frac{1}{24}f'(a + i + \tfrac{1}{2}) - \frac{17}{5760}f'''(a + i + \tfrac{1}{2})$$
$$- [\,{}'f(a - \tfrac{1}{2}) + \frac{1}{24}f'(a - \tfrac{1}{2}) - \frac{17}{5760}f'''(a - \tfrac{1}{2})\dots\,.]$$

9. METHOD OF LEAST SQUARES.—Derive the function which gives the probability of an accidental error made in observations, on the hypothesis that the arithmetic mean of a great number of observations of a quantity equals the true value of that quantity.

10. Derive Hamilton's partial differential equation of the characteristic function S for the motion of a body round a central body. Use polar coordinates.

11. The differential equations of the perturbed motion of a planet are

$$\frac{d^2x}{dt^2} = \frac{d\Omega}{dx}, \quad \frac{d^2y}{dt^2} = \frac{d\Omega}{dy}, \quad \frac{d^2z}{dt^2} = \frac{d\Omega}{dz}.$$

Introducing the new coordinates $x = \frac{\cos v}{u}$, $y = \frac{\sin v}{u}$, $z = \frac{s}{u}$, derive the differential equation for v by means of Lagrange's equations.

PRACTICAL WORK.

Observe the transits of several stars, determine the errors of the Transit Instrument, and the error of the Sidereal clock, and of the Greenwich mean time clock.

Or, Calculate from the Nautical Almanac, and observe the time of occultation of a fixed star by the moon.

B.—IN ENGINEERING.

---

a.—MATHEMATICS.

FIRST PAPER—THREE HOURS.

1. Define the angle between two planes, and show that it is independent of the position of the point on the line of intersection of the planes at which we measure it.

Show also that, if from any point whatever we draw two lines perpendicular to the two planes, respectively, the angle between these two lines is equal to the angle between the two planes.

2. Prove that in an ellipse with the usual notation

$$PN^2 : AN \,.\, A^1N :: CB^2 : CA^2.$$

If P be any point on the ellipse and AP, A^1P produced cut the tangents at A^1, A in T^1, T respectively, show that the rectangle $TA \,.\, T^1A^1$ is equal to $4CB^2$.

3. Show that, whatever constant λ is,

$$ax + by + c + \lambda\,(a^1x + b^1y + c^1) = 0$$

is the equation of a straight line through a point whose position is independent of the value of λ.

Find the equation of the straight line through the intersection of the lines $2x + y = 4$, $19x - 13y + 15 = 0$, and perpendicular to the line $x + 2y = 3$.

4. Find the equation of the tangent at any point on the circle $x^2 + y^2 = a^2$ and deduce the equation of the polar at any point.

Two points A, P are taken on a circle, centre O, and through O are drawn parallels to the tangents at A, P meeting the tangents at P, A respectively in Q, R, show analytically that QR is parallel to the polar of T, where T is the point of intersection of the tangents at P and A. [Take O as origin, OA as axis of x.]

5. Prove that

$$\frac{x}{a}\cos\frac{\theta_1 + \theta_2}{2} + \frac{y}{b}\sin\frac{\theta_1 + \theta_2}{2} = \cos\frac{\theta_1 - \theta_2}{2}$$

is the equation of a straight line joining the two points on the ellipse $x^2/a^2 + y^2/b^2 = 1$ whose eccentric angles are θ_1, θ_2. Deduce the equation of the tangent and normal at any point on an ellipse.

6. Show that the equation $x^2+4xy+4y^2-16x-12y+22=0$ represents a parabola and find its axis, latus rectum, and vertex.

7. Differentiate $\log\tan(\frac{1}{4}\cos^{-1}x)$, $\sqrt{\frac{1}{2}(1+x)}$, x^{x}, and if $y=\sin^{-1}x$, show that $(1-x^2)\frac{d^2y}{dx^2}-x\frac{dy}{dx}=0$.

8. State Maclaurin's Theorem and from the expansion for $\tan x$ find the value of $\tan x$ to three places of decimals when $x=10°$.

9. Show that when y is given as a function of x, the values of x given by $\frac{dy}{dx}=0$ usually give maximum or minimum values of y, and proceed to find the criterion as to whether they are maximum or minimum values.

If $x^3+3x^2y+4y^3=1$, show that $\sqrt[3]{\frac{1}{4}}$ is the maximum and $\frac{1}{2}$ the minimum value of y, where x can have all possible values.

10. Show that in any curve given by polar coordinates where ϕ is the angle between the radius vector and the tangent and ψ is the angle made by the tangent with a fixed line, $\cos\phi=\frac{dr}{ds}$, $\rho=r\frac{dr}{dp}$, and hence that the intercept on the tangent between the point of contact and the foot of the perpendicular on it from the pole is $\frac{dp}{d\psi}$.

11. Evaluate

$$\int\frac{dx}{\sqrt{a^2-x^2}},\quad\int\frac{dx}{\sqrt{x^2+x+1}},\quad\int\frac{dx}{a+b\sin x}\text{ (where }a>b),\quad\int\tan^3x\,dx.$$

SECOND PAPER—THREE HOURS.

1. Show that the expression $(1-x+x^2)^3/x^2(1-x)^2$ is unaltered by substituting $\frac{1}{1-x}$ for x.

2. Solve the problems,

(*a*) Find a number such that the sum of four times the reciprocal of the number next below it and three times the reciprocal of the number next above it is five-twelfths.

(*b*) A horse dealer bought three horses for £70, and sold them for £78 15s.; the rate per cent. of his profit on each horse was half the number of pounds which he gave for it, and the first horse cost twice as much as the second; find the cost price of each horse.

3. Prove the condition that the equation $ax^2+bx+c=0$ has unequal real, coincident, or imaginary roots.

Show that for real values of x the value of $(x^2-2x+2)/(2x^2+3)$ lies between 1 and $\frac{1}{6}$.

4. Define the Arithmetic mean, the Geometric mean, and the Harmonic mean between two quantities a, b, and taking a, b as positive prove the order of magnitude of these three means.

5. Prove the rule for transforming radix-fractions from one scale of notation to another.

Verify that the numbers 22·44, 41·3, 121 in the scale of 5 are in Geometrical Progression (*a*) directly, (*b*) by transforming the numbers into the scale of 10, and prove that they are so in that scale.

6. Show that the square root of $a + \sqrt{b}$ can be expressed as $\sqrt{x} + \sqrt{y}$, where x and y are rational, only when $a^2 - b$ is an exact square.

Find the square root of $10 + 3\sqrt{11}$.

7. Briefly sketch out the proof of the theorem that, if the Binomial Theorem holds when the index is a positive integer, it holds when the index is a positive fraction.

Write down the first four terms of the expansion in ascending powers of x of $(1+2x)^{\frac{1}{3}}$.

8. Define the characteristic and the mantissa of a logarithm, and explain carefully what we find in the tables.

Evaluate by the tables $\left[12{\cdot}93 \times \sqrt[3]{{\cdot}075}\right]^{-\frac{3}{2}}$.

9. Draw a curve roughly, showing the changes in the value of $\sin A + \cos A$ as the angle A goes through the values from 0° to 360°, stating its greatest and least algebraic values and how often it has any specified value which lies between these.

10. Express $\cos A + \cos B$, $\cos A - \cos B$ in product form, and show that, if $A + B + C = 180°$, $\cos 2A + \cos 2B - \cos 2C - 1 + 4 \sin A \sin B \cos C = 0$.

11. To a man in line with a side of the base of a square tower, the angle of elevation of the top of the front edge of the tower meeting this side is 30°, and the angle of elevation of the top of the other front edge he sees is 15°; find the height of the tower correct to the nearest foot, if a side of the base be 60 feet.

12. In any triangle prove the expressions for the sine and cosine of half an angle of the triangle in terms of the sides, showing that there is no ambiguity in the sign of the root.

13. In a triangle ABC we are given a, b, and the perpendicular, p, from C on AB show how to find the angles and point out the possible double solution.

If we know that all the angles of the triangle are acute, find them when $a = 60$, $b = 53$, and $p = 42$.

14. State and prove fully Demoivre's Theorem, and hence find all the fifth roots of unity, showing that there are only five.

b.—NATURAL PHILOSOPHY.

FIRST PAPER—THREE HOURS.

1. Show that if a body rest in equilibrium on a horizontal plane the vertical line through its centre of gravity must fall within the area of the surface of the body in contact with the plane.

A circular table, radius 3 feet, weighs 60 lbs. and stands symmetrically on three legs forming a triangle, sides each 18 inches, show that the greatest weight that can be placed on the edge of the table without upsetting it is roughly 24·35 lbs. and show its position.

2. State the laws of Limiting Statical Friction.

A square lamina rests, plane vertical, with one corner on a rough horizontal table. The higher of the two adjacent corners is supported by a horizontal string. Show that, if the lamina is just about to slip when θ is the inclination to the horizon of the side through this higher point and the point on the table and μ the coefficient of friction, $2\mu = 1 - \cot\theta$, and hence that if the angle of friction exceed $\tan^{-1}\frac{1}{2}$, every position can be one of equilibrium.

3. State the Principle of Virtual Work.

A rhombus, formed of four jointed rods, hangs by a string fastened to one joint, and is prevented from collapsing by a light horizontal rod, in the position of a diagonal; find the thrust of this rod, if W be the weight of each rod of the rhombus, and 2θ the angle of the rhombus at the top joint.

4. Prove the rule for compounding two couples.

5. Show that a system of forces can only be reduced in one way to a force and a couple with axis parallel to the force; and, that of all ways of reducing the system to a force and a couple, this way gives the minimum couple.

6. A heavy string is stretched over a smooth plane curve, find the tension at any point and the pressure on the curve.

One end of a uniform string of length l, mass m per unit length, is attached to the highest point of a horizontal cylinder, which is movable about its axis. Part of the string rests against a quadrant of the cylinder, and the remainder hangs vertically. Determine what couple applied to the cylinder will prevent it from turning.

7. Find the attraction of a circular disc, radius a, according to the Newtonian law, on a particle on the perpendicular to the disc through its centre, at a distance h from it.

A particle is placed at the centre of the end of a solid circular cylinder, radius a, and length l, find the whole attraction of the cylinder.

8. Explain the solution of the problem of finding the motion of two elastic spheres after impact, stating what we know from theory and what from experiment. Show that the whole impact between the two spheres is $(1 + e)$ times what it would have been if they had been inelastic.

9. A particle is fastened to two fixed points, b apart, by elastic strings, natural lengths a, a', moduli λ, λ', and is held in some position between the two fixed points and then let go. Investigate the motion, assuming that no string ever becomes slack, and show that oscillations will take place about a certain point. Find this point and the period of oscillation.

10. In a central orbit prove the two expressions for the velocity, $v^2 = \frac{1}{2}Pq$, $v^2 = c - 2\int P\,dr$, where P is the central force per unit mass, and q the chord of curvature in the direction of the force.

If a particle is projected at distance $2a$ from the centre of force and at right angles to the line to the centre of force with velocity $\sqrt{\mu}/4a^2\sqrt{2}$, and $P = \mu u^5$, find the orbit.

11. Find the kinetic energy of a rigid body, swinging about a fixed horizontal axis, and find the time of a small complete oscillation under gravity.

If the rigid body be a uniform rod, length $2a$, mass m, with a heavy particle, mass m' at one end, and it swing about the other end, find the length of the equivalent simple pendulum.

SECOND PAPER—Three Hours.

1—3. See p. 461.

4. State the laws of Boyle and Charles. Prove the relation $PV = cT$, explaining the notation. Calculate c for the case of one pound of dry air at freezing temperature.

5. Define thermal conductivity of a substance.

A long metal rod and a tube of the same length, external diameter, and material have one end of each kept at the same constant high temperature. Compare the temperatures of the two at different points along the length after a steady state has been reached; giving reasons for your answer, and explaining the circumstances which determine the steady temperature of any point.

6—12. See pp. 461, 462.

C.—ENGINEERING.

FIRST PAPER—Two Hours.

1. Distinguish between wrought iron and mild steel as to their physical constitution and properties, giving reasons for the differences.

2. Explain briefly the meaning you attach to the following terms in connection with iron and steel processes: Grey Pig Iron, Producer Gas, Ingot Iron, Blister Steel, Plate Mill.

3. Sketch and describe the Bessemer Converter, and explain briefly the process carried out in it.

4. State the usual compositions for Brass, Gun Metal, Phosphor Bronze, and Delta Metal, and state what you know of the value of each with respect to strength and other properties.

5. Give some account of the preparation, properties, and uses of Aluminium, stating what you know of the limitations of its applicability in construction at the present time.

6. In connection with timber, explain the terms Exogens, Annual Rings, Medullary Rays, and describe the leading distinctive features of Oak, Ash, and Yellow Pine.

7. Describe the successive effects of an increasing pull-stress applied to a specimen of mild steel, and illustrate your answer by reference to a stress-strain diagram sketched as nearly as you can to scale.

8. Define Modulus of Elasticity, Young's Modulus, and Modulus of Rigidity, and show how the value of Young's Modulus can be exhibited in a stress-strain diagram.

SECOND PAPER—Two Hours.

1. State and prove Simpson's rule for areas, and show how it may be applied to the determination of volumes. The areas of the horizontal sections of a reservoir of water at the surface, and at depths of 3 ft., 6 ft., 9 ft., 12 ft., 15 ft., and 18 ft. are 10,200, 8,100, 7,200, 5,800, 4,300, 1,800, and 260 sq. ft. respectively. The depth of bottom below the water surface being 19 ft. 6 in., determine the capacity of the reservoir in gallons.

2. Describe how you would proceed to survey a field roughly triangular in form. Make a sketch plan of such a field bounded on two sides by hedges, and on the third by a river; and, assuming distances and offsets, enter the notes in a field book.

3. Write down the Prismoidal Formula and apply it to find the volume of a block of railway cutting having a base 24 ft. wide, end depths 8 ft. and 17 ft., length 66 ft., and slope of sides 1½ to 1. Are the results obtained by this formula when applied to a whole cutting usually too large or too small, and why? Is there any preferable mode of calculating railway earthwork volumes?

4. Describe, with the aid of sketches, a transit theodolite, and point out in what respects it differs from a Y theodolite.

5. In respect to levelling, explain the meaning of the terms—datum, reduced level, error due to curvature, and error due to refraction. In levelling for a section successive readings of 8·60, 7·20, 9·50, 12·70, 14·62, 8·35, 9·70, 6·40, 2·80, 9·35, 6·80, 12·50, and 14·14 were taken, the instrument being moved between the 5th and 6th readings and again between the 9th and 10th readings. Enter these notes in the form of a level book, cast it up, and ascertain if the work checks.

6. Explain clearly how you would proceed to ascertain if a dumpy level was in perfect adjustment; and assuming the bubble tube was found not to be parallel to the line of collimation of the telescope, explain how you would make this adjustment.

7. Two straight reaches of a railway meet in an accessible point at an angle of 120°. These are to be connected by a circular curve of 20 chains radius. Explain how you would proceed to set out the curve, and make the necessary calculations for the purpose.

THIRD PAPER—Two Hours.

(*Only* SIX *questions may be attempted.*)

1. Define "entropy," and sketch a temperature entropy diagram for water at the boiling point, and for saturated steam at various pressures; also show some of the uses to which such a diagram may be put.

2. Investigate an expression for the density of saturated steam, and state why the method of calculation is considered more trustworthy than direct experiment.

3. Explain the thermodynamic and mechanical advantages of double and triple compound engines over single-cylinder engines.

4. Account for the increase of economy obtained by steam jacketing; explain the conditions under which the increase of economy will be most marked; and deal briefly with the question of the jacketing of the several cylinders of a triple compound engine.

5. Show how to represent, by means of a diagram, the combined effects of steam pressure and inertia of reciprocating parts for a steam engine of which indicator diagrams and all other necessary particulars are given. (It will be sufficient if you show how the effect of inertia is found for three points.)

Also show, by means of a hand sketch, the effect of inertia upon the diagram of turning efforts for a single-cylinder engine.

6. Give an account of the precautions to be taken in mounting and driving a steam engine indicator, and state the principal sources of inaccuracy in determining the indicated horse-power.

7. In a compressing engine a volume V_0 of air is received at an absolute temperature T_0 and at the atmospheric pressure; it is then compressed, adiabatically, to a pressure of three atmospheres and forced into a receiver at that pressure. Find an expression for the total amount of work done; and also expressions for the temperature and volume of the compressed air.

FOURTH PAPER—THREE HOURS.

1. An iron rod ¾″ diameter is enclosed in a brass tube 1″ internal diameter and ⅛″ thick. The rod and tube are 3 ft. long, and are rigidly connected together at the ends so that when the temperature is 60° F. the materials are not stressed. Find the stresses when the temperature is raised to 120° F., using such of the following data as you may require:

Expansion of iron = ·0012 for 180° F.
„ brass = ·002 „

$$\text{For iron, Young's Modulus} = 29 \times 10^6 \, \frac{\text{lbs.}}{\text{in.}^2};$$

$$\text{Limit of elasticity} = 30{,}000 \, \frac{\text{lbs.}}{\text{in.}^2}$$

$$\text{For brass, Young's Modulus} = 13 \times 10^6 \, \frac{\text{lbs.}}{\text{in.}^2};$$

$$\text{Limit of elasticity} = 6{,}000 \, \frac{\text{lbs.}}{\text{in.}^2}$$

2. At what spacing must 9 in. × 3 in. joisting be placed to support a floor 10 ft. span, carrying a distributed load of 100 lbs. per square ft., allowing a maximum stress of 350 lbs. per square in. in the timber?

3. The shafting of the turbines at Niagara Falls consists of a steel tube 38 in. diameter and ⅜ in. thick. Find the stress per square inch when transmitting 5000 H.P. at 250 revolutions per minute, and calculate the diameter of the solid shaft required for transmitting the same power

with the same maximum stress. Find the difference of weight in the two shafts for a length of 120 feet.

4. Give a classification of framed structures. Explain the relative merits and demerits of the different classes. Determine the stresses in the loaded frame shown in the accompanying diagram, explaining the assumptions involved in the method you adopt.

5. Discuss, on the principle of similar structures, the relative weights and maximum powers of similar boilers and steam engines, taking account of stresses due to steam pressure and to inertia.

6. State the relative advantages and disadvantages of open-topped rectangular notches, open-topped V notches, and submerged circular orifices for the gauging of water flows under various circumstances. Investigate the ordinary formula for an open-topped rectangular notch, and give reasons for the statement that the formula is incorrect in form.

7. Describe the two modes of flow of water in straight pipes, and state the laws of resistance for each case. Define "co-efficient of viscosity" and deduce a formula for steady flow.

8. Classify turbines. Explain the advantages of inward flow turbines over parallel or outward flow. State the object of ventilating the buckets in some wheels, and what special circumstances would lead you to adopt a Girard wheel in preference to a Fourneyron or Thomson.

d.—DRAWING, ETC.—THREE HOURS.

1. Two straight lines AB, AC contain an angle of 60°, and are inclined at angles of 45° and 30° respectively to the horizontal plane. Draw their horizontal projections and their vertical projections on a plane containing AB.

2. Draw the traces of the plane containing the point P, and perpendicular to the line AB given in the accompanying figure. Then draw another plane parallel to this one, and touching a sphere of 1″ radius, of which P is the centre; and determine the point of contact of plane and sphere.

3. Draw the projections of a regular hexagonal prism, edge of base being 1″ in length and height 3″, when resting with its base upon a plane making an angle of 60° with the horizontal plane, and one edge of the base making an angle of 30° with the horizontal plane.

4. Three spheres, 0·5″, 1″, and 1·5″ radius respectively, are in contact with one another and with the horizontal plane. Draw their projections, and the traces of the two planes which touch all three.

5. The stirrer of a sugar dissolver consists of a vertical shaft carrying a cast-iron boss having three projections in the form of pockets arranged to receive the ends of the wooden arms. The sketch shows a plan and partial elevation. Make a drawing showing plan, front elevation, and side elevation, omitting the wooden battens, and finding one or two points in each of the curves of intersection of surfaces.

6. Make an isometric projection of a table having the following dimensions: Top 4′ 0″ × 2′ 6″ × 1″ thick, projecting 3″ beyond framing at front and back, and 4″ at the ends. Framing 5″ deep and 0·75″ thick. Legs square in section, being 4″ square at top, and tapering to 2″ square at floor. Height of top from floor 2′ 9″.

7. A steel plate-web girder 60 ft. span is subject to a uniformly-distributed load of 2·5 tons per ft. run, is 5 ft. deep, with flanges 20″ wide. The flange and web plates are each ⅜″ in thickness, and the web is united to the flange by two 3½″ × 3½″ × ½″ angles. Determine, graphically, the lengths and number of plates required for the bottom flange, allowing a maximum working stress of 5½ tons per square inch.

8. A roof is composed of frames of the form shown in the sketch, placed 8 ft. apart, and having a span of 25 ft. The covering weighs 10 lbs. per square foot over both sides, and a wind pressure of 30 lbs. per square foot acts normally on the left-hand side; taking the left supporting force as vertical, draw a diagram of stresses, and show how to determine whether the stress in any member is push or pull.

e.—ASTRONOMY.

FIRST PAPER—One Hour and a Half.

1 (*a*). Give the order in which you would arrange the levellings of the axis of a theodolite by means of an axis level, and mention the necessary adjustments. What kind of observations would you undertake to ascertain if the vertical axis is in contact with its bearings?

(*b*). Describe the sextant, and derive the principle on which it is constructed.

2. Investigate in which great circle zenith-distances ought to be measured, so that an error of observation has the least possible effect on the latitude.

3. Enumerate the various methods which can be used for the determination of an azimuth. Let the instrument be (1) a prismatic compass, (2) a theodolite, (3) a theodolite clamped near the meridian. Which method would you choose (1) on an overland journey, (2) for adjusting a geodetic survey with regard to the meridian?

4. The upper limb of the sun has been observed with the telescope of a theodolite, the vertical circle has been read by two microscopes, and the approximate Greenwich mean time has been noted. Give, in their proper order, the several corrections (no Formulae!) to be applied to the reading of the circle so as to reduce it to a geocentric zenith-distance of the centre of the sun. Also state, where possible, whether the corrections are positive or negative.

5. (*a*) It is required to determine the sidereal time from the zenith-distance of a star. Give the reason why the right-ascension and the declination must be referred to the true equinox. Is it necessary to correct them for aberration? Is there any alternative?

(*b*) Dr. Nansen's chronometer stopped during his journey over the ice. What kind of observation would you suggest for resetting it to Greenwich mean time, and what accuracy might be obtained with a sextant? The motion of the moon in R.A. = 35′ in 1 hour.

6. (*a*) Give the approximate declination of the moon at first quarter in spring, and give the cause of its varying considerably in the course of 19 years.

(*b*) If an object-glass of 1½ inch aperture shows a star of the first magnitude at daytime, what is the smallest aperture which will show the pole star (2nd magnitude) at daytime?

7. (*a*) Explain a method by which the solar parallax can be determined.

(*b*) How can the absolute right-ascension of a star be determined?

SECOND PAPER—ONE HOUR AND A HALF.

1. Derive the length of a meridional degree on a spheroidal earth, and mention how the equatorial semidiameter and the eccentricity of the earth can be derived from observations.

2. (*a*) Derive the fundamental equation of parallax, and give the spherical triangle from which the effect of parallax on zenith-distance and azimuth can be obtained.

(*b*) Derive the curve described by the true pole round the mean pole.

3. (*a*) Draw a diagram of the celestial sphere which contains the great circles of mean ecliptic and mean equator at two epochs; point out the lunisolar precession, the general precession, and the planetary precession. Give the spherical triangles from which the annual precession in right-ascension and declination can be obtained.

(*b*) The right-ascension and declination of a star are given for the mean equinox of 1755, and the apparent position of the star is required for 1897, March 20. What reductions must be made?

4. (*a*) The Leonids are expected to pass the perihelion in 4 years, and the periodic time is 33 years. The eccentricity of the orbit = 0·9. Compute the mean anomaly for the beginning of 1897, and construct the place of the meteoric swarm in its orbit.

(*b*) The periodic time of the double star α Centauri is 77 years, the major axis = 35″·0, and the parallax is 0″·75. Find the sum of the masses of the two components in units of the mass of the sun.

5. Define the equation of time, and give the equations which lead to its theoretical determination.

6. Deduce the differential equations of motion of a mass with regard to a central body, define K^2, and effect the first two integrations.

PRACTICAL WORK.

Observe the zenith-distance of the sun with the Ertel Theodolite, and calculate the latitude of the place.

f.—GEOLOGY—TWO HOURS.

1. Describe the various forms of granite with which you are acquainted. To what other rocks are they most nearly allied, and in what respects do they differ from them?

2. Explain some of the processes by which sediment may be compacted into solid rock.

3. Explain the following terms: Pegmatitic, ophitic, spherulitic, porphyritic.

4. Give a short account of the amphibole series of minerals.

5. Trias—State generally the geographical conditions of the Keuper in Britain.

6. Mention the chief calcareous formations; state their stratigraphical relations and the conditions of deposit.

---

g.—ELECTRICITY—PURE AND APPLIED.

THREE HOURS.

1. Determine the force of a uniformly electrified sphere on unit quantity of electricity at an external point, and show that for a given value of the charge, the force is independent of the radius of the sphere.

2. A cylindrical conductor is surrounded by another coaxal conducting cylinder which is connected to earth. Find its electrostatic capacity per unit length at a distance from the ends.

3. What is meant by electro-chemical equivalent of a substance? State Faraday's laws of electrolysis. Describe carefully how you would experimentally determine the strength of a current of electricity by a copper voltameter.

4. Explain the terms: Magnetic body, diamagnetic body, magnetic susceptibility, magnetic permeability, intensity of magnetization, magnetic moment. Sketch and explain a curve of magnetization of a long iron cylinder which is placed parallel to the lines of force of a magnetic field which is uniformly increased in strength from zero and back again to zero force.

5. Describe Oersted's experiment. Find the force on unit pole situated on the axis of a circular current. Hence give a definition of unit current in the C.G.S. system of units.

6. Describe a tangent galvanometer adapted to give results in absolute units. How would you use it so as to determine experimentally the value of a current in C.G.S. units? State clearly how you would experimentally find the value of each factor you use in the final calculation.

7. Describe and explain any two methods for determining resistance in absolute measure.

8. Show that the ratio of the electro-magnetic unit of quantity to the electrostatic unit of quantity depends on the units of length and of time. What is the numerical value of this ratio? Briefly describe experiments to determine it.

h.—NAVAL ARCHITECTURE.

MARINE ENGINEERING—Three Hours.

(*Twelve questions only to be attempted.*)

1. Give an account of the different kinds of coal used for marine purposes, mentioning the physical and chemical characteristics of each kind.

2. A sample of coal contains by weight 78 per cent. C. ; 10 per cent. O. ; 5·6 per cent. H. : find the number of thermal units given out per pound, supposing each element to be completely burnt. Is all this heat available for raising steam?

3. Calculate the amount of air necessary for the complete combustion of one pound of carbon. What amount is usually allowed per pound of coal : and what is the effect of allowing too much air?

4. Explain the phenomenon of draught in a funnel. Give an account of the various forms of artificial draught, stating the advantages and disadvantages of the various systems.

5. What parts of a boiler are usually included in the heating surface? and what is the ratio of heating surface to grate surface adopted (*a*) under natural draught, and (*b*) under forced draught conditions? Explain why the ratio differs in the two cases.

6. Explain and give sketches of the various ways of connecting (*a*) the furnace to the combustion chamber, (*b*) the stay tubes to the tube plates.

7. Show how to combine a set of indicator cards, and state a method of plotting these so that the combined cards of different engines may be directly comparable.

8. What is the effect of cutting off earlier (*a*) in the M.P., (*b*) in the L.P. cylinder? Show how the result may be anticipated from the combined diagram of indicator cards.

9. Show how to obtain a true piston effort diagram, giving reasons for the various corrections. If the number of revolutions per minute = 80, radius of crank = 3 ft., length of connecting rod = 6 ft., and weight of reciprocating parts per square inch of piston area = 3 pounds, find the value of the force necessary to overcome the inertia of the reciprocating parts at both ends of the stroke.

10. If the true piston effort diagram is known, show how to obtain the twisting moment diagram. How is a combined twisting moment diagram obtained for a three-crank engine?

11. Explain how a propeller blade, with pitch varying from the root to the tip, is swept up in a foundry.

12. A triple-expansion engine for a merchant steamer is required to develop 3000 I.H.P. If the boiler pressure is 160 pounds, stroke 4·5 ft., revolutions 80 per minute, determine the sizes of the cylinders.

13. In a jet condenser, the pressure of steam when it leaves the L.P. cylinder is 10 lbs. abs., and condenser pressure 2 lbs. abs., find the

quantity of injection water necessary per pound of steam, given that temperature of water = 60° Fahr., and temperature corresponding to 10 lbs. abs. = 193·2° Fahr. to 2 lbs. abs. = 126·4° Fahr., and the latent heat of steam at 10 lbs. = 979 T.U. If a surface condenser were to be used for the above conditions, what amount of circulating water would you allow per pound of steam?

14. What is the function of an air pump? Sketch and describe the different forms of bucket valves. Why is an air pump usually made larger than is absolutely necessary?

15. Describe, with sketches showing the circulation of water and furnace gases, the Belleville, Normand, and Thornycroft boilers.

16. Sketch and describe the motion of the following valve gears: (*a*) Joy's, (*b*) Gooch, (*c*) Hackworth.

STRENGTH—THREE HOURS.

1. Prove that in still water the vertical cross section of a ship is a curve of pressures, and that its area represents the supporting force per unit length.

2. Prove that the shearing force curve is the integral of the load curve, and that the bending moment curve is the integral of the shearing force curve.

3. Find the curve of shearing stress for a beam of rectangular section subject to a shearing force F.

4. Find the maximum bending moment on a ship of form such that its cross section curve is thus (curve shown), and whose curve of weights is as follows (curve shown); what would be the scales of shearing force and bending moment when the results are standardized?

5. Find the value of I in the upright and beam end condition for the following structure (diagram shown). Also find the stress in the upright and at 45° upon the structure when subject to a bending moment of 2400 ft. tons.

6. Explain the method of obtaining the curve of supporting forces on a ship upon a trochoidal wave when the wave pressures are taken into account.

7. Explain why the passage of a series of waves by a ship of ordinary form may cause vertical oscillations. Find the approximate rise which a ship of the following form (diagram shown) would have to make in passing from the hollow to the crest of a wave of her own length and 10 ft. high, supposing the wave to be a curve of versed sines.

8. State the reasons for the belief that the stress upon the midship section of a ship assumed to be instantaneously poised on a wave of her own length and $\frac{1}{20}$ of that length in height may be taken as a measure of the longitudinal strength which must be provided. What special cases are the conditions not those which produce maximum stress?

9. Discuss the considerations governing the relation of diameter and pitch of rivets and thickness of plates in butt connections.

10. Sketch a butt connection in shell plating 50″ wide, ½″ thick, with one passing strake on each side. Find the strength relatively to the unavoidably weakest section of the ship.

STABILITY AND ROLLING—THREE HOURS.

1. What do you understand by a "curve of stability" and a "cross curve"? What scale is usually adopted in the former?

2. Describe completely any one method of obtaining either a "curve of stability" or a "cross curve."

3. Show how to obtain the righting arm for $180° - \theta$ when you have it for $\theta°$ in a ship-shape form.

4. Prove that the integral of the curve of GZ's gives the "dynamical arm." What is the differential of the GZ's? Prove this.

5. Prove that $R = \frac{I}{V}$ and $\rho = \frac{dI}{dV}$, where R and ρ are radii of buoyancy and flotation surfaces. Show how to graphically obtain ρ from a metacentric diagram.

6. Show that for isochronous rolling the form of the ship must be such that the curve of CB's must be the involute of the involute of a circle whose radius = GM.

7. Write down and solve the equation to unresisted rolling in an isochronous rolling ship.

8. What is the relation between the periods of rolling in still water, resisted and unresisted?

9. Write down the equation to unresisted rolling in an isochronous rolling ship in a system of trochoidal waves. What is the period of such an oscillation? Discuss the critical cases.

10. What length of wave is likely to cause a ship whose period is 20 seconds (double roll) to roll heavily?

11. Describe the methods adopted to decrease rolling by increasing resistance, or by other means. What quantitative results have been obtained?

12. Obtain the equation to a curve of extinction. What is found by experiment to be the law of resistance to rolling in terms of angular velocity?

SHIP CALCULATIONS.

1. Prove Simpson's First Rule by the method of the Integral Calculus.

2. State Simpson's Second Rule; and prove that the First Rule will integrate accurately the part of the curve enclosed by the first and third ordinates.

3. Prove that $BM = \frac{I}{V}$.

4. Find the moment to trim ship one inch in a vessel whose L.W.L. is (Diagram shown): Displacement = 764 tons. C.G. above C.B. = 5 feet.

5. If the vessel in Question 4 be of draught 10 feet, and same W.L. form throughout: find the draught forward and aft if the division shaded in the diagram be flooded.

6. Suppose a rectangular vessel, as in diagram shown (100 × 30 × 20 ft.), to be loaded with a homogeneous cargo. Find the curve of C.G. of ship and cargo for densities of cargo varying from 38·5 cubic feet to the ton upwards. Suppose the ship's light draught to be 2 feet, and light C.G. to be 8 feet above keel.

7. Explain what curves and what marks you would put upon a sheer drawing in order to determine accurately the displacement due to observed draught marks, forward and aft.

8. Deduce a formula giving the position in a vessel that a small weight must be put in, in order that no change of draught at the after end shall take place. Apply the formula to the vessel in Question 4.

9. Describe the method of determining register tonnage, stating the deductions for crew and propelling space, and how they are obtained.

10. Explain the method of obtaining a new set of lines from a given set, when the ratios of length, breadth, and draught are in the ratio a, b, c respectively. Prove that the block and prismatic coefficients will be the same in both forms.

11. Deduce the formula $B^3 + kB^2 = C_1$ for determining the dimensions of a ship to carry a given load and to obtain a required given speed. How would you obtain the dimensions from this formula?

12. Find the dimensions of a vessel suitable to carry 5000 tons D.W. all told, on a draught of 20 feet, and to be able to steam at 10 knots; making and stating all necessary assumptions.

RESISTANCE AND WAVES—THREE HOURS.

1. State the cause of surface friction resistance in water and the law of resistance in terms of area and speed.

Show that the thickness of the frictional wake of a plane can be determined on a definite assumption, when the total frictional resistance is known.

2. State and prove Froude's "Law of Comparison," and deduce from it the expression $r = Rp^{3-\frac{n}{2}}$ where $R = aV^n$ is the curve of resistance for some known displacement Δ and r is the resistance for a displacement $p\Delta$.

3. A model 12 feet long has a surface of 23 square feet. The frictional resistance of a plane 12 feet long at a speed of 400 feet per minute is ·133 lbs. The total resistance of the model at that speed is 5 lbs. Find the E.H.P. of a ship 36 times the linear dimensions of the model, moving at 23·7 knots per hour.

4. Describe a progressive speed curve, and explain how curves giving I.H.P. for given speeds and varying displacements may be constructed from the above.

5. Give the results of Froude's experiments on the effect of length of parallel middle body on resistance.

6. Explain why transverse waves add to the resistance, and state at what rate energy must be supplied to such a system in order to maintain it.

7. Deduce an expression for the efficiency of a jet propeller, neglecting frictional resistance of passages.

8. Explain Froude's method by which the diameter and pitch of a propeller for a given set of conditions can be obtained.

9. Find the speed and period of a wave 100 feet long.

10. Show that the "continuity" condition in a trochoidal stream will hold if $r = r_1 e^{-\frac{r}{R}}$.

11. Show that in a trochoidal wave particles in consecutive horizontal layers, originally in the same vertical plane, will always be on a straight line passing through the lower extremity of the diameter of the rolling circle.

12. What will be the energy per foot of length along the crest of the wave in Question 9 if its height be 5 feet? How much of this is actual?

IV.—FOR DEGREES IN MEDICINE AND SURGERY.

I.—PRELIMINARY EXAMINATION.

ENGLISH.

Saturday, 27th March, 1897.—9 A.M. TO 12 NOON.

(EIGHT, *and not more than* EIGHT, *questions are to be answered.* 1 *and* 2 *must be answered, with either* 3 *or* 4 *and either* 5 *or* 6. *The remaining* FOUR *may be any questions not already answered.*)

1. Write an essay, from two to three pages long, on one of the following subjects:—

   (*a*) "To do a great right, do a little wrong."
   (*b*) The utility of polar expeditions.
   (*c*) The life and character of Oliver Cromwell or of the Young Pretender.

2. Paraphrase:—

> 'Tis not unknown to you, Antonio,
> How much I have disabled mine estate,
> By something showing a more swelling part
> Than my faint means would grant continuance:
> Nor do I now make moan to be abridged
> From such a noble rate: but my chief care
> Is to come fairly off from the great debts
> Wherein, my time something too prodigal

Hath left me gaged. To you, Antonio,
I owe the most, in money and in love,
And from your love I have a warranty
To unburden all my plots and purposes
How to get clear of all the debts I owe.

3. Give some account of *four* of the following: The Danish Kings of England, the reign of William II., David I. of Scotland's War with England, the Lollards, Jack Cade's Rebellion, the Battle of Flodden, the Babington Conspiracy, the Casket Letters.

4. Give some account of *four* of the following: The Five Members, Scotland under Charles II., Union of England and Scotland, Clive in India, Waterloo, the reign of William IV., the Crimean War, Majuba Hill.

5. What parts of Africa are held by France? Give some account of these possessions.

6. Give a list of the Australian Colonies, and describe fully any one of them.

7. Correct, or improve, the following sentences, giving reasons for any changes you may make:—

(*a*) Mr. Courthope does not try to extenuate or explain away Pope's moral delinquencies, but to put them in their proper place as parts of a very complex character.

(*b*) To this gas he gave the name "fixed air," and which we now call carbon dioxide.

(*c*) Evelyn is one of those whose reputation, in his own day, was far higher than his fame or influence have since proved to be.

(*d*) An ordinary reader would scarcely suppose that Shadwell, who is here meant by MacFlecknoe, was worth being chastised, and that Dryden, descending to such game, was like an eagle stooping to catch flies.

8. Give a *general* analysis of the following passage, and parse the words in italics:—

We hurry to the river we *must cross*,
And *swifter* downward every footstep wends;
Happy who reach it *ere* they count the loss
Of *half* their faculties and half their friends.
When we are come to it, the stream
Is not so dreary *as* they deem
Who look on it from haunts too dear;
The weak from Pleasure's baths feel most its chilling air.

9. Give examples of nouns (*a*) used only in the plural, (*b*) plural in form but construed as singular, (*c*) singular in form but construed as plural, (*d*) having two plural forms differing in meaning, (*e*) having one plural form with two different meanings.

10. (*a*) Derive *eight* of the following words: Metaphor, wanton, apathy, couch, enemy, malady, enormous, prose, chair, paradox, eclipse, sedition.

Or (*b*) Point out, and give the force of, the prefixes and the suffixes in the following words: Euthanasia, strange, bedazzle, syllable, aphelion, negotiate, poetaster, bliss, fruiterer, knowledge, integrate, absenteeism.

11. What do you know of *any three* of the following characters: Captain Absolute, Turveydrop, Lady Kew, Squire Hardcastle, Rosalind, Edie Ochiltree, Gareth, Florimel?

12. Give a brief account of the composition and the privileges of the House of Lords.

LATIN—See p. 417.
MATHEMATICS—See p. 423.
GREEK—See p. 420.

FRENCH.

Tuesday, 30th March, 1897.—3 TO 6 P.M.

Translate into French:—

I. Schools in China are usually kept by private gentlemen. The government provides for advanced scholars only. But since the one qualification for office is education, and the avenue to literary distinction and public honours lies through competitive examinations, the encouragement that the government extends to education and learning can be estimated only by that eager pursuit of knowledge which is common to all classes, and by the veneration in which scholars and scholarship are held. Therefore it is not strange that schools are to be found everywhere, in small hamlets as in large towns, although the government appropriates no funds for the establishment of common schools; and although no such thing is known as "compulsory education," there is a general desire, even among the poorest classes, to give their children "a little schooling." The schoolmaster in China must be absolute. He is monarch of all he surveys; in his sphere there is none to dispute his rights.

II.
1. Let us go home.
2. I have been ill for three weeks.
3. He was caught in the act.
4. Come and tell me what has happened.
5. What time is it? Ten minutes to four.
6. This wall is twelve feet high.
7. Try and get his consent.
8. I was told that he had been waiting for you.
9. She was weeping for joy.
10. It is you to play.

GRAMMAR.

I. Distinguish between: Servir de *and* se servir de—Douter *and* se douter—Convenir a *and* convenir de—Arriver a (before a verb) *and* arriver de—Répondre à *and* répondre de. Compose short sentences to illustrate the difference of meaning.

II. Give the feminine of the following words: *Aigu*, *malin*, *favori*, *vieux*, *net*, *complet*, *vengeur*, *conducteur*, *hôte*, *grec*.

III. Parse the following verbal forms: *J'acquerrai—Va—Nous cueillions—Il plut—Veuille—Il faudra—Qu'ils bussent—Que nous missions—Que je me tusse—Il sied.*

IV. State the rules for the concord of the following participles :—

Les ennemis ont *fui*.
Les ennemis se sont *enfuis*.
Les deux heures que cet orateur a *parlé*.
Je les ai *entendus* entrer.
Les fleurs que j'ai *promis* de vous envoyer.

Translate into English :—

I. Ce fut dans les derniers jours d'octobre qu'Annibal commença à gravir les Alpes. L'aspect de ces montagnes était vraiment effrayant : leurs masses couvertes de neige et de glace, confondues avec le ciel : à peine quelques misérables cabanes éparses sur les pointes de rochers : des hommes à demi-sauvages ; le bétail, les chevaux, les arbres, grêles et rapetissés ; en un mot la nature vivante et la nature inanimée frappées d'un égal engourdissement. Tant qu'elle chemina dans un vallon spacieux et découvert, l'armée carthaginoise fut tranquille et nul ennemi n'inquiéta sa marche ; mais parvenue dans un endroit où le vallon n'offrait pour issue qu'un étroit passage, elle aperçut des bandes nombreuses de montagnards qui couvraient les hauteurs. . . . Ce passage ne pouvait être forcé sans les plus grands périls, et si les montagnards, dressant mieux leur embuscade, fussent tombés à l'improviste sur l'armée, elle y serait restée presque tout entière.—A. THIERRY.

II. Il y a entre l'homme et les murs qu'il a longtemps habités mille secrètes intimités à se dire, qui ne permettent jamais de se revoir, après de longues absences, sans qu'une conversation qui semble véritablement animée et réciproque ne s'établisse aussitôt entre eux. Les murs semblent reconnaitre et appeler l'homme, comme l'homme reconnait et embrasse les murs. Les anciens avaient senti et exprimé ce mystère. Ils disaient : *genius loci*, *l'âme du lieu* ; ils avaient les *dieux lares*, la divinité du foyer. Cette divinité s'est réfugiée aujourd'hui dans le cœur ; mais elle y est, elle y parle, elle y pleure, elle y chante, elle s'y plaint, elle s'y console. Je ne l'ai jamais mieux entendue et sentie que ce matin.—LAMARTINE.

GERMAN.

Wednesday, 31*st March*, 1897.—3 TO 6 P.M.

I. Translate into German :—

1. I remember riding from Buffalo to the Niagara Falls, and I said to a gentleman, "What river is that, sir?" "That is Niagara River." "Well, it is a beautiful stream," said I, "bright and fair, and glassy (*wie ein Spiegel*). How far off are the rapids?" (*der Fall*). "Only a mile or two." "Is it possible that only a mile or two we shall find the water in the turbulence which it must show when near the falls?"

"You will find it so, sir." And so I found it; and that first sight I shall never forget. Now, launch your bark on that Niagara River; it is bright, smooth, and beautiful. There is a ripple at the bow, the silvery wake you leave behind adds to your enjoyment. Down the stream you glide—oars, sails, and helm in proper trim (*Ordnung*), and you set out on your pleasure excursion. Now you see the water foaming all around. See how fast you pass that point! Up with the helm! Now turn!—JOHN B. GOUGH.

2. (*a*) Snow has been falling here for the last three days.
   (*b*) Can you skate? Come let us have a try, the ice is quite firm.
   (*c*) There is no fool like an old fool.
   (*d*) The study of medicine is an elevating study.

II. GRAMMAR.

1. Give the principal tenses (infinitive, 1st person singular imperfect and past participle) of: *liegen*, *legen*, *lügen*, *sitzen*, *setzen*, *ausgehen*, *heiraten*, *frühstücken*, *reisen*, *reissen*.

2. Give the double plurals, with their meanings, of: *Bank*, *Wort*, *Strauss*, *das Band*, *Mann*, *Gesicht*.

3. *Before* and *after* may be prepositions, adverbs, or conjunctions: form six German sentences introducing both words in their various senses.

4. Describe shortly the difference between the usage of the definite article in German and English.

5. Decline, singular and plural (where possible), of: *ich*, *derjenige*, *das Herz*, *guter Herr*, *wer*, *was*.

III. Translate into English:—

1. Man kann sich nicht genug über die Menge und Mannigfaltigkeit (*variety*) der Pflanzen verwundern, mit welchen die Natur alle Jahre die Erde bekleidet. In dem kleinen Raume, den das Auge auf einmal überschauen kann, welch eine Vielfachheit der Gestalten, welch ein Spiel der Farben, welche Fulle in der Werkstatte (*workshop*) der reichsten Kraft und der unerforschlichen Weisheit! Nicht weniger muss mann sich wundern über die Geschwindigkeit, mit welcher die Natur jede leere Stelle auf den öden Feldern, verlassenen Wegen, kahlen Felsen, Mauern, Dachern, wo nur eine Handvoll fruchtbarer Erde hingefallen ist, ansaet (*sows*) und mit Gras, Krautern, Stauden und Buschwerk besetzt. Das sieht man oft und achtet's nicht, eben weil man es von Kindheit an so sieht; die grösste Weisheit verrath sich in der einfachen und naturlichen Einrichtung der Dinge, und man erkennt sie nicht, eben weil alles so einfach und natürlich ist.—HEBEL.

2. Dies war die beruhmte Hermannschlacht, die unweit des Städtchens Detmold vorgefallen ist. Als Kaiser Augustus Nachricht davon erhielt, rief er untrostlich, die Hande ringend, einmal uber das andere aus: "O Varus! Gieb mir meine Legionen wieder!" Er rannte dabei mit dem Kopfe gegen die Wand und liess sich zum Zeichen der Trauer einige Monate lang Bart und Haare wachsen. In ganz Rom und seinen Umgebungen entstand die grosste Besturzung (*consternation*), denn man glaubte, die furchtbaren Deutschen seien schon an den Stadtthoren.—JERRER.

II.—PROFESSIONAL EXAMINATIONS.

I.—FIRST PROFESSIONAL EXAMINATION.

CHEMISTRY—One Hour and a Half.

5th October, 1896.

1. Define the terms: *reducing agent* and *oxidizing agent*. Mention some cases of oxidation and reduction and explain these by equations.

2. What is bleaching powder? How is it made? What is the effect of treating it with dilute sulphuric acid? Give the necessary equations.

3. What is the chemical nature of urea? How can it be prepared artificially? Explain your answer by means of graphic formulae.

4. Calculate what volume of nitrogen, measured at 15° and 750 mm., could be obtained from 1 gm. of urea by the action of sodium hypobromite, assuming all the nitrogen to be liberated in the process. Give the equation of the decomposition.

5. How can the atomic weight of an element be ascertained, the equivalent being supposed to be known?

BOTANY—One Hour and a Half.

5th October, 1896.

(*Only* FOUR *questions to be attempted by candidates for M.B. Candidates for first B.Sc. should attempt all the questions.*)

1. Describe the root-system of a typical Dicotyledon, and show how it is adapted to the conditions in which it lives, and to the functions it performs.

2. What do you mean by a Fungus? Describe the chief characters, habitat, and mode of nutrition of any fungus with which you are familiar.

3. Describe in detail the structure of any flower of a Gamopetalous dicotyledon you may select. Name its species and natural order: draw its floral diagram, noting also any adhesion, cohesion, or suppression, and any peculiarities leading to its pollination.

4. Give a tabular sketch of the classification of the vegetable kingdom, and name two species (with generic, specific, and English names) belonging to each class.

5. Describe the sporogonium of a moss: explain why it is called the neutral generation.

6. Give a full account of Selaginella from the points of view of structure, life history, and affinities.

ZOOLOGY.

5th October, 1896.

(*Candidates for M.B. are expected to attempt only* FOUR *of these questions. Candidates for first B.Sc. should attempt all.*)

1. State the appliances for flight among the Vertebrates, and describe the arrangements therefor in each group.

2. Compare the Molluscs, Fishes, Reptiles, and Mammals in respect of the heart.

3. The ova of earthworms arise in sacs: where are they formed in the marine Chaetopoda?

4. What is the pattern of the branchiae in Annelids, Crayfish, Anodon, and insect larvae?

5. Compare and contrast the characters of Amphibia and Reptiles.

6. What are the cellular components of blood? What characteristics distinguish the blood of Reptiles and Mammals?

7. How is asexual reproduction effected in Annelids, Polyzoa, Hydrozoa?

8. Is the multiplication of Tape-worms asexual?

PHYSICS—Two Hours.

6th October, 1896.

(*Not more than* FOUR *questions to be answered*).

1. State Newton's third law of motion. Give illustrations explaining precisely what the law means.

Two masses, one of 5 pounds, the other of 2 pounds, are connected by an elastic band, and rest on a smooth horizontal table. The masses are held at rest with the band stretched, and the system is left to itself at a given instant. Find the ratio of the velocities of the masses at any subsequent instant during the unstretching of the band. [The mass of the band may be neglected.]

2. What is meant by pressure at a point in a fluid? Define a horizontal surface, and show that in a heavy fluid a horizontal surface is a surface of equal pressure. What is the difference of the pressures in two such surfaces in a single fluid?

A board in the form of an isosceles triangle, 3 feet in length of base and $2\frac{1}{2}$ feet in length of side, is immersed horizontally in water, with its upper face 6 feet below the surface. Find the total vertical force exerted on the upper face of the board, in pounds weight and also in poundals. [Atmospheric pressure, 14·7 pounds weight per square inch: weight of one cubic foot of water, 62·5 pounds.]

3. Describe the vibrations of the air in an organ pipe, open at both ends, sounding its fundamental note. How many vibrations per second

are made by an organ pipe 8 feet long, and open at both ends? How would this number be affected by closing one end of the pipe?

Describe an easy method, founded on the theory of a pipe closed at one end, of approximately determining the frequency of a tuning fork.

4. Define conductivity of a substance for heat. On what other factors does the rate of flow of heat across a cross-section of a bar of metal depend? Supposing these factors known, write down an expression for the amount of heat conducted across the cross-section per unit of time.

Calculate the amount of heat conducted in a minute through a wall of conductivity 0·001 c.g.s. unit, if the wall be 20 cms. thick, 500 cms. long, and 300 cms. high, when one of the opposite faces is maintained at 15° C., and the other at 0° C.

5. Describe experiments to show that a conductor carrying an electric current is surrounded by a magnetic field. State generally the nature of the field (1) when the conductor is bent into a circle, (2) when it is a long straight wire.

Two circular conductors are in the same plane and have a common centre, and have their radii as 3 to 2. Compare the currents which, flowing in opposite directions round these circles, would give together zero force on a magnetic pole situated at the centre.

6. Describe briefly the constitution of white light. What are the differences between the spectrum (*a*) of an incandescent gas, (*b*) of an incandescent solid, (*c*) of the sun? Explain the dark lines seen in the solar spectrum.

II.—SECOND PROFESSIONAL EXAMINATION.

DESCRIPTIVE ANATOMY (M.B. AND C.M.).

6th October, 1896.

1. Describe the structures and arrangements seen in the interior of the left ventricle of the heart.
2. Describe the distinctive characters and microscopic structure of the gastric mucous membrane.
3. Describe the deltoid, sterno-mastoid, and psoas magnus muscles and their actions.
4. Give a full description of the corpus callosum and its connexions.

ANATOMY (M.B. AND CH.B.).

6th October, 1896.

1. Describe the structure of the mamma, and give a short account of its arteries, nerves, and lymphatics.

2. Describe the structure, form, relations, arteries, and veins of the thyroid body.

3. Describe the relations of the various parts in the middle third of the front of the forearm beneath the deep fascia and down to the interosseous membrane.

4. Describe the Wolffian bodies and Müller's ducts, and shortly point out what becomes of them.

PHYSIOLOGY—TWO HOURS.

6th October, 1896.

(ALL *the questions must be attempted.*)

1. Describe the influence of a constant electrical current upon an exposed nerve.

2. Give a short account of the chemical constitution of muscular fibre, and of the chemical changes that occur in rest and in activity.

3. Describe fully the venous pulse in the neck, and contrast it in detail with the true arterial pulse.

4. Give an account of the evidence showing that there are motor and sensory regions in the *cortex cerebri*. Indicate, either by diagram or description, the situation of the chief centres, and describe the phenomena that would follow the removal of the left occipital lobe.

MATERIA MEDICA AND THERAPEUTICS (M.B. AND CH.B.).

6th October, 1896.

(THREE *questions to be answered*, ONE *of which must be No.* 4.)

1. Describe briefly any untoward effects which may result from the administration of medicinal doses of arsenic, quinine, belladonna, copaiba, chloral-hydras, mercury, phenazone.

2. Give an account of the pharmacological action of arsenious acid. In what diseases is it commonly prescribed, and in what preparations and doses?

3. Enumerate the preparations of iodine. Give an account of the therapeutical uses of iodide of potassium. What do you understand by the term iodism?

4. Write prescriptions which might be sent to a pharmaceutical chemist for the following affections: (1) Chronic rheumatism, (2) simple febricula, (3) scabies, (4) chronic lead poisoning, using any of the following drugs or their galenical preparations: Magnesium, sulphuric acid, sulphur, croton oil, storax, chloroform, belladonna, guaiacum, salicylic acid, phenacetin, colchicum, antimony, aether, aconite, quinine, iodine.

III.—THIRD PROFESSIONAL EXAMINATION.

REGIONAL ANATOMY (M.B. AND C.M.).

7th October, 1896.

1. Describe the relations of the parotid gland to bones, muscles, vessels, and nerves.

2. Describe the posterior scapular, suprascapular, and subscapular arteries and their anastomoses.

3. Describe the relations of the right and left lung to the heart, great bloodvessels, and thoracic parietes.

MATERIA MEDICA (M.B. AND C.M.).

6th October, 1896.

(THREE *questions to be answered.*)

1. What is a glucoside, and how does it differ from an alkaloid? Mention the chief glucosides employed in medicine, and give their doses.

2. What is a suppository? What substances are commonly employed as a basis? Mention the active ingredients of the official suppositories.

3. What kinds of sulphur are employed in medicine? What are their common impurities, and how may they be detected? What are the official preparations of sulphur?

4. What is scilla or squill? On what parts of the body does it exert its principal actions? Name its pharmaceutical preparations, and the doses of each.

PATHOLOGY (M.B. AND CH.B.)—TWO HOURS.

7th October, 1896.

(*Only* FOUR *questions to be answered.*)

1. What are the causes of amyloid disease? Describe carefully the naked eye and microscopic changes which it produces in the spleen.

2. What are the differences between a cancerous and a tubercular lesion in the following respects: (1) Immediate tissue change, (2) mode of extension to distant parts, and (3) influence on the general condition of the body?

3. What are the causes, naked eye and microscopic appearances, and immediate and remote results produced by ulcerative endocarditis?

4. What are the two most common forms of tumour of the uterus? Mention the usual localities of each, and describe in what way they produce their deleterious effects.

5. Describe the structure, mode of entrance into, and effects upon the host, of the following parasites: (1) Trichina spiralis, trichocephalus dispar, (3) bilharzia haematobium.

MEDICAL JURISPRUDENCE AND PUBLIC HEALTH (M.B. AND CH.B.)—THREE HOURS.

7th October, 1896.

MEDICAL JURISPRUDENCE.

1. What are the signs of abortion in the living, and in the dead? Mention the various methods of procuring criminal abortion, and the dangers attendant on each.

2. What are the immediate and remote causes of death from a wound or wounds? Describe in detail an untreated incised wound at the end of the first and third days.

3. In what forms is hydrocyanic acid sold?
   - (*a*) What is the poisonous dose of each?
   - (*b*) Describe the symptoms of poisoning by dilute hydrocyanic acid.
   - (*c*) Describe the tests applicable for the discovery of hydrocyanic acid in organic mixtures, and the mode of applying them.

PUBLIC HEALTH.

1. Describe in detail, including the preparation of the land, the method of treating sewage by "intermittent downward filtration." What is the action of the soil in this method?

2. What power do rivers possess of self-purification? Under what circumstances would you expect this power to be most manifest?

3. Discuss the conditions which, in a community, tend to a high death-rate from phthisis; and explain, as far as you can, the mode in which they act.

IV.—FINAL PROFESSIONAL EXAMINATION.

SURGERY—TWO HOURS.

July, 1896.

(FOUR *questions only to be answered. The candidate must answer the first.*)

1. Describe the pathological effects induced by the presence of (1) the staphylococcus pyogenes, and (2) the streptococcus pyogenes in the tissues.

2. Give the differential diagnosis between vesical calculus and prostatic enlargement.

3. Give the symptoms and treatment of fracture of the base of skull.

4. Give the differential diagnoses of chronic ulcers of the face.

5. Give the diagnosis of appendicitis.

PRACTICE OF MEDICINE—Two Hours.

3rd July, 1896.

1. State what you know generally of Peritonitis, acute and chronic, particularly in relation to its causes, and the special history arising from these, as guiding prognosis and treatment. Selecting one from among the forms referred to, detail the proceedings to be adopted in the treatment, including prescriptions.

2. Indicate the relations of Haemoptysis (when so considerable as to be of clinical importance *per se*) to other morbid states, and what inferences you might be able to draw from the examination of the thorax in detail by auscultation and percussion, etc., in a case of rather copious haemoptysis, as to its probable origin, and the nature of the disease, and its treatment.

3. Describe Diabetes mellitus, with a view both to its essential and its incidental symptoms, and indicate the modes of fatal termination, the circumstances chiefly affecting the prognosis, and the general rules of treatment to be adopted in respect of the diabetic state, apart from its complications.

4. A proposal was made to a first-class insurance office, and the life was rejected on the following grounds: The proposer was in all respects a most healthy-looking person, family history unexceptionable, organs, so far as could be ascertained by physical examination, perfectly sound. His answers to the usual questions betrayed no suspicion on his own part of any proclivity to disease. But from a very slight difference in the expression of the two sides of the face, the examining physician inferred that there might have been paresis, or paralysis, more or less considerable, of the facial muscles on one side; and, on examination by the watch, it was found that (although the proposer had quite forgotten the fact) the hearing of the corresponding ear was almost entirely lost. The result, after further inquiry, was as above stated, very much to the proposer's surprise.

Write a commentary on the above, stating what you know as to the dangers of fatal disease involved in the facts as given, and what additional observations might have been made tending to elucidate the diagnosis, or in the way of prevention to diminish these risks. When serious or fatal consequences occur in such cases, even after a long period of apparent good health, what have been found to be the lesions, either as observed during life, or discovered on *post-mortem* examination?

N.B.—Prescriptions in all cases must be written out in the form in which they should go to a chemist, with sufficient directions both for the compounder and for the patient, the latter being written in English.

OBSTETRICS AND GYNAECOLOGY—Two Hours.

6th July, 1896.

(*Answer* FOUR *questions, including the* FOURTH *and* FIFTH.)

1. Give the indications for the use of the forceps, and describe the precautions necessary in their use.

2. Describe the second cranial (R.O.A.) position and give the mechanism of labour in such a case.

3. Enumerate the causes of abortion, and give the treatment
    (*a*) For its arrestment;
    (*b*) When it is unavoidable;
    (*c*) For the avoidance of complications;
    (*d*) To avert abortion in succeeding pregnancies.

4. Describe pelvic cellulitis, and give its causes, symptoms, course, and treatment.

5. Give the differential diagnosis between an ovarian tumour and
    (*a*) A uterine fibroid;
    (*b*) Ascites;
    (*c*) Pregnancy.

FORENSIC MEDICINE (M.B. AND C.M.)—TWO HOURS.

4th July, 1896.

(ALL *the questions to be answered.*)

1. What difficulties are experienced in deciding questions of identity in living persons? Describe the system of Anthropometry as applied to criminal investigation.

2. Certain burns being discovered on a dead body, what would indicate that they were the cause of death? What *post-mortem* appearances might be expected in such a case?

3. Enumerate the more common modes of infanticide. Give a detailed account of the appearances which might be expected in the case of an infant killed by overlaying.

4. A man is found dead with an incised wound of the neck. What would guide you in deciding—
  (α) That the wound had been inflicted
      (*a*) During life?
      (*b*) After death?
  (β) That death had been due to the wound?
  (γ) How long the person survived the infliction of the wound?

5. How might the following poisons be recognized in the solid form, viz.: Oxalic acid, arsenic, tartar emetic, morphine?

PATHOLOGY (M.B. AND C.M.).

4th July, 1896.

(*Only* FOUR *questions to be answered.*)

1. Describe the appearances met with in tuberculosis of the kidney. Give the details of the structural change, and give an account of the sources and modes of extension of the infection.

2. What is meant by immunity, and what are its various forms? Describe the methods by which immunity is artificially produced, and give what explanation you can offer of the phenomena which occur.

3. Describe the structure and mention the more usual situations of the following tumours: Myxoma, glioma, adenoma, and sarcoma.

4. Describe the process of inflammation as seen in a serous membrane, *e.g.* the omentum. Discuss the order and nature of the phenomena observed, and state the results which may follow.

5. Describe the naked eye and microscopical characters of common cirrhosis of the liver. What other varieties of hepatic cirrhosis occur?

V.—DEGREES IN LAW.

I.—PRELIMINARY EXAMINATIONS FOR B.L.

---

a.—ARTS AND SCIENCE PRELIMINARY.

(See pp. 414—434.)

---

b.—ARTS SUBJECTS.

(Same as for Degree of M.A. See pp. 436—464.)

II.—LAW EXAMINATIONS FOR LL.B. AND B.L.

---

1. CIVIL LAW—THREE HOURS.

(*Candidates are requested to answer only* TEN *of the following twelve questions.*)

1. "The system of the XII. Tables as a whole is one of *jus* as distinguished from *fas*." Explain and illustrate this statement.

2. *Responsa prudentum sunt sententiae et opiniones eorum quibus permissum erat jura condere.* Discuss the history and nature of the source of law herein described.

3. When, by whom, and for what purpose, were the Institutes of Justinian compiled? What other works are included in the *corpus juris civilis*? Mention the main causes which made codification necessary in the time of Justinian.

4. Describe the legal position of a Junian Latin.

5. Distinguish *agnatio*, *cognatio*, and *affinitas*. Show the importance of *agnatio* in Roman Law.

6. How did the powers and duties of a *curator* differ from those of a *tutor*? In what circumstances could a *curator* be appointed?

7. State the requirements of (*a*) *occupatio*, and (*b*) *specificatio* as modes of acquiring property.

8. Enumerate the chief (*a*) urban, and (*b*) personal servitudes. Mention some of the characteristics common to all praedial servitudes.

9. What restrictions did the law, in Justinian's time, impose on the testamentary discretion of free persons who were *sui juris* and of sound mind?

10. Discuss the defects of the system of intestate succession introduced by the XII. Tables, and explain to what extent these defects were remedied by the praetors.

11. What were the contracts *re*? State the requisites of a contract *verbis* in the Justinianian law.

12. Erant autem interdicta formae atque conceptiones verborum, quibus praetor aut jubebat aliquid fieri aut fieri prohibebat. Quod tum maxime faciebat, cum de possessione inter aliquos contendebatur. Summa autem divisio interdictorum haec est, quod aut prohibitoria sunt aut restitutoria aut exhibitoria. Translate and comment on this passage. Describe and classify the chief interdicts of Roman law.

(*Candidates who aim at the* LL.B. STANDARD *are recommended to answer in addition to the above*, TWO *of the following questions.*)

1. Mention some of the special agreements (*pacta adjecta*) common in connection with *emptio-venditio*.

2. Distinguish the contracts *emptio-venditio* and *permutatio*.

3. Explain the statement: Fere aliqui solent haec verba adjicere: 'dolus malus a venditore aberit,' qui etiam si adjectum non est, abesse debet. Discuss what did, and did not, constitute *dolus malus* on the part of one of the parties to a contract of sale.

2. LAW OF SCOTLAND—THREE HOURS.

(*Not more than* TWELVE *of the following questions to be attempted, of which* ONE *must be in Criminal Law.*)

1. What is meant by natural obligation? State and explain the classification of obligations in which it occurs.

2. What remedies are competent under the Sale of Goods Act, 1893, to the buyer in case of the sellers' breach of warranty? Did that Act alter the law existing prior thereto to any, and if so, to what, effect?

3. What is a common carrier? Specify the extent of his responsibility under the Edict, and explain how far, if at all, that responsibility is limited in the case of a carrier by sea.

4. Distinguish between pledge and hypothec. Would it endanger the pledge for the pledgee to put the subject of pledge into the possession of the pledger as his agent to sell and realize? Give reasons.

5. Is a company limited by shares entitled to issue (1) preference shares, or (2) debentures, at a discount? May it competently forfeit shares for non-payment of calls? In each case give reasons.

6. Define a Bill of Exchange and state the meaning and modes of negotiation. May an overdue bill be competently negotiated?

7. What change did the Intestate Moveable Succession (Scotland) Act make on the law as to the succession in moveables of the issue, father and mother respectively, of the deceased?

8. Explain shortly the nature of the sexennial and septennial prescriptions, and state from what period they respectively run.

9. Mention the different kinds of tutors.

10. How far can a wife married subsequently to 1881, and residing with her husband, deal with the *corpus* and income respectively of her heritable and moveable estate without his consent, there being no marriage contract?

11. What is privilege in actions of slander? Give instances.

12. Explain *jus tertii*, *beneficium cedendarum actionum*, valued policy, oath of calumny, confusion.

13. What is passive representation? Discuss it with reference to 'entry as heir,' and 'vitious intromission.'

14. What are the four pleas of the Crown? Has any, and if so what, alteration been made by statute with regard to the court in which they may respectively be prosecuted?

15. Discuss the crime or crimes committed where (*a*) a person sent by the owner to a pawnbroker to pledge an article and bring back the proceeds appropriates the proceeds, and (*b*) a creditor holding in pledge an article belonging to the debtor sells the article and appropriates the proceeds, in each case with dishonest intent.

3. CONVEYANCING—THREE HOURS.

(TWELVE *questions must be answered.*)

1. What is the function of the testing clause in Scotch Deeds? How far can it alter or amplify the rest of the Deed? Give illustrations and reasons.

2. What is meant by a Bounding Charter and what by a non-bounding one? Give illustrations. What effect may the character in this respect of a charter have upon prescription? Notice the effect of a clause of parts and pertinents.

3. What were Charters by Progress? Mention the different kinds—simple and combined. On what principle were they necessary under the old feudal law? When and how far were they abolished? How far could the rights of the Feuar be enlarged or restricted in a Charter by Progress?

4. What was the method of enforcing payment of casualties prior to the 1874 Act, and what method does that Act substitute? What change in the way of looking at casualties does this imply?

5. Explain the effect as regards casualties under the old law of giving entry (*a*) to Trustees and (*b*) to Corporations. What was the practice adopted in such cases? How was the law altered by the 1874 Act?

6. What are the superior's personal claims against a sub-feuar infeft in part of a feu, the feu-duty for which is not allocated? Compare these with the superior's personal claims against a disponee infeft in part of the same feu.

7. Discuss the difference between a reservation of a right to work, win, and carry away the minerals in land, and a reservation of the minerals. Notice the case of Duke of Hamilton *v.* Graham (1871) 9 M. H.L. 98.

8. What are the rights as against one another of the proprietor of lands and the proprietor of the minerals therein?

9. Explain the effect of the following destinations among strangers:

To A and B in conjunct liferent, and to C in fee.

To A and B conjunctly and their heirs.

To A and B in conjunct fee and liferent and their heirs and assignees.

To A and B jointly and to the heirs of A.

To A and B and the longest liver of them in liferent for their liferent use allenarly, and A and his heirs and assignees in fee.

10. A, infeft and entered, disponed to B who, infeft but unentered, disponed to C who, infeft but unentered, disponed to D. All the dispositions were *a me*, and contained a Procuratory of Resignation and a Precept of Sasine. In how many ways—specifying them—could you have completed D's title (*a*) prior to 1847, (*b*) subsequent to 1874? Give reasons.

11. What was the original function of General Service in completing title, and how and by what Act has that function been extended? Explain the differences in function and effect between Special and General Service prior to 1845.

12. To what circumstances are the provisions of the 10th Section of the 1874 Act for a petition applicable? What change in the law of succession were they intended to meet?

13. Show how the rules as to Searches depend upon the law of prescription. What searches is a purchaser now entitled to require in the Property and Personal Registers?

14. State shortly the principal changes introduced by the Conveyancing Act of 1868.

15. State shortly the principal changes introduced by the Conveyancing Act of 1874.

4*a*. PUBLIC INTERNATIONAL LAW—THREE HOURS.

(*Candidates under the Old Regulations are required to answer the* FIRST *question in each group, and any* ONE *other question in each group.*)

(*Candidates under the New Regulations are required to omit any* ONE *of the questions in group B, and any* TWO *of those in group C.*)

A.

1. What are the conditions which a community must satisfy in order to have its personal identity as a state recognized?

2. Criticise the doctrine that the extradition of persons accused of crime, who have escaped into a foreign country, is a duty on the part of the foreign state. What is the actual outcome of international law in the matter?

3. Discuss the validity in international law of a prescriptive title to territory. What principle has been chiefly influential in modern times as against the validity of a prescriptive title? Illustrate by reference to the severance from France of Alsace and Lorraine.

4. Have merchant vessels in the ports of a foreign country any immunities by force of international law?

B.

5. If a crime be committed by a foreigner on board a British ship, how is the question of jurisdiction determined as between Britain and the foreign state?

6. What is the rule as to the nationality of the child of an alien, if the child be born (*a*) in Scotland, (*b*) in France, (*c*) in Germany, (*d*) in the United States of America?

7. What are the conditions on which it is permissible for a state to take action within a foreign territory against individuals making the foreign territory a starting-point for attack? Refer to any historical case in illustration.

8. Enumerate the principal functions of a consul, and show how far, if at all, the office has an international character.

9. Explain the general procedure in settling international disputes by arbitration.

C.

10. Describe the practice, as founded on recognized principles, with regard to the treatment of prisoners of war.

11. Set forth in substance the conditions of an effectual seizure of enemy property.

12. How in general does property belonging to a neutral become affected with an enemy character? Discuss in particular the case of goods consigned by neutrals from neutral ports to an enemy consignee or contrariwise.

13. Explain and criticise the doctrine denoted by the phrase *uti possidetis*.

14. May a neutral state, consistently with its duty as neutral, grant permission to transport through its territory wounded soldiers, if it offer the same privilege to both belligerents?

15. Summarize the effects of the cessation of a blockade.

4*b*. INTERNATIONAL PRIVATE LAW—THREE HOURS.

(*Candidates under the Old Regulations are required to answer the* FIRST *question in each group, and* ONE *other question in group C.*)

(*Candidates under the New Regulations are required to omit any* ONE *of the questions in group B, and any* TWO *of those in group C.*)

A.

1. What theory has come to be the prevailing one as to the ground of international private law? Discuss Savigny's position.

2. Does any European state now act on the theory expressed in the maxim *Nemo potest exuere patriam?*

3. Can a man be without a domicil?

S, a Scotsman by birth, having been long resident in England and having acquired a domicil there, sets sail for America with the avowed intention of settling in New York. He dies a few hours before reaching his destination. On the supposition that he leaves no will, by what law is the succession to his moveable estate to be determined?

B.

4. Examine the effect of bankruptcy on jural capacity.

5. What is the test of jurisdiction as regards actions for a declarator of nullity of marriage?

6. State the chief exceptions by the law of this country to the rule that the law of the domicil governs questions relating to moveables.

7. The *jus crediti* in an obligation is assigned in England by a deed which would avail to transfer it in Scotland, the country where the primary contract is to be performed. Can the assignee sue in Scotland on the deed of assignation, if the claim be one which the law of England pronounces to be incapable of being assigned or transferred?

C.

8. A contract entered into between an English firm and a firm in Scotland is signed in London but is to be performed in Glasgow. On the assumption that the contract is valid by the law of England, but not by the law of Scotland, *quid juris*?

9. Do the Scots Courts treat the rule *locus regit actum* as imperative, or do they admit any alternative?

10. By what law is the meaning of an instrument relating to the conveyance of immoveable property situated in a foreign country to be construed? Show reason.

11. What in substance are the provisions of the Merchant Shipping Act, 1894, with regard to injuries caused by the collision of one ship with another on the high seas?

12. Where the Court of Session has to decide matters, arising in an action pending before it, in accordance with the law of England, how does it usually ascertain what in those matters the law of England is, and how otherwise may it competently obtain proof?

4*c*. JURISPRUDENCE—THREE HOURS.

PHILOSOPHY OF LAW.

(*Candidates under the Old Regulations are required to answer the* FIRST *question in each group, and any* ONE *other question in each group.*)
(*Candidates under the New Regulations are requested to omit any* ONE *of the questions in group B, and any* TWO *of those in group C.*)

A.

1. *Ubi societas ibi jus.*—Explain the terms *societas* and *jus* as here used, and comment on the proposition.

2. "The family and the state exist, not by contract, but by a necessity grounded in the nature of man." Examine this assertion.

3. Analyze the notion of freedom, and criticise the doctrine that freedom is the ground of right (*jus*).

4. What is meant by the status of a person? Account for any difference in the import of the notion which appears on a comparison of modern with ancient law.

B.

5. Distinguish between a public person and a private person. Note carefully the characteristics of each, and show the importance of the distinction.

6. How does the distinction between possession and property originate? Explain the distinction.

7. Compare and contrast the modern with the ancient notion of a testament.

8. On what different grounds may a classification of wrongs be made? Show reason for preference of one of these grounds.

9. Divide obligations according to the will, public or private, which is initially or definitively involved in their constitution. Enumerate the principal obligations under each head.

C.

10. The might of the state is the sanction of right. Examine the points of this assertion, and criticise the doctrine.

11. Demonstrate the necessity in the constitution of the state of the contrast between those who govern and those who are governed.

12. How is the *jus scriptum* related to the *jus non scriptum*?

13. Give some estimate of the influence of the Stoic philosophy on the growth of the Roman law.

14. Account for the national character of developed right or law.

15. Discuss the opinion that the franchise is a trust, and not a right.

5. CONSTITUTIONAL LAW AND HISTORY—THREE HOURS.

(*Omit* ONE *question in group B, and* TWO *in group C.*)

NOTE—*Candidates for M.A. who do not aim at a Law Degree need not answer group A.*

A.

1. "The doctrine of *non obstantes* abdicated Westminster Hall when King James abdicated the Kingdom." Discuss and explain.

2. What does Professor Dicey mean when he says: "A dissolution is in its essence an appeal from the legal to the political sovereign"?

3. What considerations determine (*a*) the resignation of a Ministry, (*b*) the resignation of an individual Minister, (*c*) a dissolution of Parliament?

4. Explain briefly the principles involved in any *three* of the following cases: Barnardiston *v.* Soame (26 Car. II., 1674), Sommersett's case (12 George III., 1772), Tandy *v.* Earl of Westmoreland (32 George III., 1792), Burdett *v.* Abbot (51 George III., 1811), Davison *v.* Duncan (20 Victoria, 1857).

B.

5. What is known of the laws and institutions of the Anglo-Saxon tribes before they settled in Britain?

6. What is meant by the feudal system? In what ways did the Norman Conquest influence its development in England?

7. What were the Provisions of Oxford (1258)?

8. "The rule of the House of Lancaster proved that the nation was not ready for the efficient use of the liberties it had won." Explain and criticise.

9. To what extent can the House of Lords control the Executive? How far can the Ministry influence the House of Lords?

C.

10. In what respects did Edward I. permanently influence the structure of the English Constitution?

11. On what different occasions during the reign of James I. did the House of Commons attempt to vindicate privilege of Parliament? How? and with what measure of success?

12. Explain the relations of the Star Chamber to the Privy Council in the reign of Charles I.?

13. Discuss the constitutional aspects of the attempt of Charles I. to arrest the five members of the House of Commons in 1641.

14. "There was so much in the conduct and circumstances of both parties in the year 1642 to excite disapprobation and distrust, that a wise and good man could hardly unite cordially with either of them." Discuss the opinion thus expressed by Hallam and give historical illustrations.

15. What differences exist between the House of Lords and the House of Commons in regard to procedure and the maintenance of order?

6. MEDICAL JURISPRUDENCE—Two Hours.

(Four *questions, and no more, to be answered.*)

1. How may a skeleton afford evidence (*a*) of the age, (*b*) of the sex, (*c*) of the personal identity of the deceased?

2. Discuss the test of responsibility in criminal cases where insanity is set up as a defence. Notice any discrepancy between legal and medical authorities on this point.

3. Distinguish between impotence and sterility. What are the principal causes of impotence in the male?

4. How and where is tattooing usually performed? Under what circumstances may tattoo marks disappear?

5. What evidence can be got in cases of death from gunshot wounds by an examination (*a*) of the body, (*b*) of its surroundings? Refer specially to the Ardlamont case.

VI.—FOR DEGREE OF B.D.

I.—FIRST DEPARTMENT.

1.—HEBREW.

FIRST PAPER—Three Hours.

1. Point and translate the following:—

ויהי אחרי מות שאול ודוד שב מהכות את העמלק וישב
דוד בצקלג ימים שנים: ויהי ביום השלישי והנה איש בא
מן המחנה מעם שאול ובגדיו קרעים ואדמה על ראשו ויהי
בבאו אל דוד ויפל ארצה וישתחו: ויאמר לו דוד אי מזה
תבוא ויאמר אליו ממחנה ישראל נמלטתי: ויאמר אליו דוד
מה היה הדבר הגד נא לי ויאמר אשר נס העם מן המלחמה
וגם הרבה נפל מן העם וימתו וגם שאול ויהונתן בנו מתו:
ויאמר דוד אל הנער המגיד לו איך ידעת כי מת שאול ויהונתן
בנו: ויאמר הנער המגיד לו נקרא נקריתי בהר הגלבע והנה
שאול נשען על חניתו והנה הרכב ובעלי הפרשים הדבקהו:
ויפן אחריו ויראני ויקרא אלי ואמר הנני: ויאמר לי מי אתה
ואמר אליו עמלקי אנכי: ויאמר אלי עמד נא עלי ומתתני כי
אחזני השבץ כי כל עוד נפשי בי: ואעמד עליו ואמתתהו כי
ידעתי כי לא יחיה אחרי נפלו ואקח הנזר אשר על ראשו
ואצעדה אשר על זרעו ואביאם אל אדני הנה: ויחזק דוד
בבגדו ויקרעם וגם כל האנשים אשר אתו: ויספדו ויבכו ויצמו
עד הערב על שאול ועל יהונתן בנו ועל עם יהוה ועל בית
ישראל כי נפלו בחרב:

2. Give the following in punctuated Hebrew :—

And he and his sons fled into the mountains, and left all that they had in the city. Then many that sought after justice and judgment went down into the wilderness to dwell there, they and their sons and their wives and their cattle, because evils were multiplied upon them. And it was told the king's officers and the forces that were in Jerusalem, the city of David, that certain men, who had broken the king's commandment, were gone down into the secret places in the wildnerness. And many pursued after them, and, having overtaken them, they encamped against them, and set the battle in array against them on the Sabbath day. And they said unto them, Thus far ! Come forth, and do according to the commandment of the king, and you shall live. And they said, We will not come forth, neither will we do the king's commandment, to profane the Sabbath day. And they hasted to give them battle. And they answered them not, neither cast they a stone at them, nor stopped up the secret places, saying, Let us die all in our innocency ; heaven and earth witness over us, that ye put us to death without trial.

Say not thou, It is through the Lord that I fell away ; for thou shalt not do the things that He hateth. Say not thou, It is He that caused me to err ; for He hath no need of a sinful man. He Himself made man from the beginning, and left him in the hand of his own counsel. If thou wilt, thou shalt keep the commandments ; and to perform faithfulness is of thine own good pleasure. He hath set fire and water before thee ; thou shalt stretch forth thy hand unto whichsoever thou wilt. Before man is life and death ; and whichsoever he liketh, it shall be given him.

SECOND PAPER—Three Hours.

I. Psalm cxx.—(1) Translate. (2) Parse הצילה (v. 2): יתן and יסיף (v. 3) ; גרתי (v. 5) ; שכנה (v. 6). (3) Give explanatory notes on בצרתה לי (v. 1) ; לשון רמיה (v. 3) ; אויה (v. 5). (4) Give the various renderings of which v. 3 admits. Which of these do you prefer, and why ? (5) State the different interpretations which have been given of the title שיר המעלות.

II. Psalm cxli.—(1) Translate. (2) Parse חושה (v. 1) ; תכון (v. 2) ; שיתה (v. 3) ; תם (v. 4) ; יוכיחני and יני (v. 5) ; תער (v. 8). (3) Give short critical notes on שמרה and נצרה (v. 3) ; אישים (v. 4). (4) Give two renderings of v. 5,—one following the accents, the other disregarding them. (5) מזמור לדוד. In connection with this discuss briefly the age and authorship of the psalm.

III. Jeremiah xxxi.—(1) Give a brief introduction to this chapter. (2) Translate verses 2—6. (3) Give the syntax of עם שרידי חרב in v. 2, and a critical note on the latter half of the same verse. (4) What is the construction of אהבת עולם and חסד in v. 3 ?

(5) Parse and give lexical notes on תַּעְדִּי in v. 4, and חִלֵּלוּ in v. 5. (6) Give the syntax of יֵשׁ יוֹם קר״ in v. 6. (7) Translate verses 15—22. (8) Give a concise exegesis of this passage. (9) Compare תַּמְרוּרִים in v. 15 and v. 21. (10) What is the syntax of לֹא לֻמָּד in v. 18, and the force of the article in הַבַּת in v. 22? (11) Give a note on the second half of verse 22.

IV. Jeremiah xlvi.– (1) Give a summary statement of the contents of this chapter. (2) Discuss its authenticity. (3) Give a historical and chronological note on v. 2. (4) Translate verses 3—9. (5) Parse יֻכַּתּוּ (v. 5), and give the construction of הֵמָּה חַתִּים (v. 5). How are the perfects in v. 6 employed? (6) State what you know of the peoples mentioned in v. 9.

V. (1) State the chief variations of the LXX. version from the Mass. text of the book of Jeremiah, and give some explanation of their origin.

(2) Point out the literary characteristics of the book.

(3) Give your estimate of the prophet's character and official activity as reflected in his writings.

2. NEW TESTAMENT EXEGESIS—THREE HOURS.

1. What views have been taken as to (1) the composition, (2) the authorship, (3) the purpose, and (4) the date of the Acts?

2. State the peculiarities which mark the *ἡμεῖς* passages.

3. Translate, with exegetical remarks, Mark i. 12, 13; ii. 21; iii. 21, 22; iv. 26—29; vi. 33.

4. Show the relations among the three parables found in Mark iv. 3—8; iv. 26—29; iv. 30—32. What is the *μυστήριον* in each?

5. Mark vii. 24—30. Compare this passage with the corresponding passage in Matthew, and account for the differences if you can. Remark on *ἠρώτα*, *ἄφες πρῶτον*, and *χορτασθῆναι*.

6. Translate and explain Galatians i. 1—5, pointing out among other things the bearing of the several clauses on the contents of the epistle, and commenting on Paul's use of prepositions.

7. Give in outline the argument contained in Galatians i. 11—ii. 21.

8. Give in detail the exegesis of Galatians vi. 11, discussing the different views which have been taken of the passage and of its relation to the preceding portion of the letter.

3. APOLOGETICS—THREE HOURS.

1. Distinguish the various forms of Atheism, and indicate the most effective relevant modes of dealing with them by the advocate of Theism. Discuss *one* of these questions: Are Buddhists Atheists? Are there tribes of Atheists?

2. Account for the special character and spread of contemporary Materialism, and review its attempts to account for the origin of Life and Mind. Mention and compare the contributions to the literature of Materialism by Lucretius, Von Holbach, and Buchner.

3. State and criticise the epistemological positions of Positivism. How is it related as a system of thought to Secularism and Agnosticism? Review the positivist 'Religion of Humanity.'

4. Compare and estimate the Pessimism of Buddha, Schopenhauer, and Von Hartmann. How is the pessimistic position met and overcome by Christianity?

5. "So far as the philosophies of Fichte, Schelling, and Hegel were pantheistic in their nature, or had a pantheistic interpretation imposed upon them, they presented only very inadequate views of God." Review this statement.

6. What is the common doctrine of the Church on the subject of Inspiration? What are its necessary postulates?

7. Give the various proofs that may be adduced from the New Testament in support of it.

8. State and criticise Schleiermacher's Theory of Inspiration.

9. What views are held regarding the relation of Inspiration to Revelation and Inerrancy respectively? Discuss the statement that 'if Inspiration is necessary for the writing down of Revelation, it must be also necessary for its interpretation.'

II.—SECOND DEPARTMENT.

1. DIVINITY—Three Hours.

1. Give an account, historical and critical, of the Christological Theories of Apollinaris and Nestorius. Contrast them, and explain in the connection the terms: *ψυχὴ λογική*: *θεοτόκος*: *συνάφεια*: *ἕνωσις φυσική*.

2. Show how the Eutychian controversy arose, what was its distinctive issue, and how it led to the Council of Chalcedon. Summarize the Christological dogma of that Council, specially elucidating and translating the clauses: *ἐν δυσὶ φύσεσιν ἀσυγχύτως, ἀτρέπτως, ἀδιαιρέτως, ἀχωρίστως, γνωριζόμενον· οὐδαμοῦ τῆς τῶν φύσεων διαφοράς ἀνῃρημένης διὰ τὴν ἕνωσιν, σωζομένης δὲ μᾶλλον τῆς ἰδιότητος ἑκατέρας φύσεως καὶ εἰς ἓν πρόσωπον καὶ μίαν ὑπόστασιν συντρεχούσης.*

3. Discuss the Christology of the Lutheran and Reformed Churches. Refer to the views of Luther and Zwingli, and to the Augsburg, Scottish, and Westminster Confessions.

4. Show how the Doctrine of the Person of Christ is related to the Doctrine of the Work of Christ. Sketch the views held concerning the Work of Christ in the Ancient Church.

5. State and discuss the theories of the Atonement expounded by

Anselm and Abelard. Compare them with the views of Marheineke and Schleiermacher.

6. How was the Doctrine of the Work of Christ modified and developed in the Theology of Luther, Melanchthon, and Calvin? Translate and elucidate dogmatically the following thesis: "Munus Christi salutare est complexus omnium quae Christus ad homines salvandos e Patris consilio peregit perageteque; et absolvitur munere triplici, prophetico, sacerdotali, et regio."

7. Summarize the objections of the Socinians to the conception of Vicarious Satisfaction. Consider whether the theory of Duns Scotus and Grotius meets these objections. Discuss the Governmental Theory of the Atonement.

8. How do the Apostolic Discourses in Acts connect the Messiahship and Priesthood of Christ with His sufferings and death? Refer to passages.

9. Show how the saving significance of the Sufferings and Death of Christ is presented in the First Epistle of Peter.

10. Give a doctrinal exposition of the following passages:—

(*a*) *Ἐκλεκτοῖς ... κατὰ πρόγνωσιν Θεοῦ Πατρός, ἐν ἁγιασμῷ Πνεύματος, εἰς ὑπακοὴν καὶ ῥαντισμὸν αἵματος Ἰησοῦ Χριστοῦ.*

(*b*) *Χριστοῦ· προεγνωσμένου μὲν πρὸ καταβολῆς κόσμου, φανερωθέντος δὲ ἐπ᾽ ἐσχάτων τῶν χρόνων δι᾽ ὑμᾶς.*

(*c*) *Ὅτι καὶ Χριστὸς ἅπαξ περὶ ἁμαρτιῶν ἔπαθε, δίκαιος ὑπὲρ ἀδικων, ἵνα ἡμᾶς προσαγάγῃ τῷ Θεῷ· θανατωθεὶς μὲν σαρκί, ζωοποιηθεὶς δὲ τῷ πνεύματι, ἐν ᾧ καὶ τοῖς ἐν φυλακῇ πνεύμασι πορευθεὶς ἐκήρυξεν.*

2. CHURCH HISTORY—THREE HOURS.

1. Trace the genesis and development of Sacerdotalism in the Post Apostolic Church.
2. Show the nature and amount of the Judaic influence in Christian doctrine, ritual, and organization.
3. Characterize the schools of Antioch, Alexandria, and Carthage.
4. Indicate the causes and nature of the Pagan reaction as exhibited in Julian.
5. State the main points in the teaching of Arius, and give some account of the controversy to which it gave rise.
6. Give an outline of Neoplatonism, and mention its chief representatives.
7. Who was Pelagius? What were the chief matters in dispute between him and Augustine?
8. State the main points at issue in the Donatist controversy.
9. Write a short outline of the life of one of the following teachers: Athanasius, Chrysostom, Augustine.
10. Translate and explain the following clauses of the symbol of Chalcedon: *ἕνα καὶ τὸν αὐτὸν Χριστον, υἱον, κυριον, μονογενῆ, ἐκ δυο φυσεων ἀσυγχύτως, ἀτρέπτως, ἀδιαιρέτως, ἀχωριστως γνωριζόμενον.*

3. BIBLICAL CRITICISM.

a. TEXTUAL CRITICISM—Two Hours.

1. What is meant by *uncial*, *cursive*, *palimpsest*, *itacism*, *homœoteleuton*, *pericope*?

2. What different classifications of various readings have been made? State the principle of classification in each case.

3. "*Proclivi scriptioni praestat ardua.*" "*Brevior lectio praeferenda est verbosiori.*" In what circumstances are these rules severally inapplicable?

4. What are the drawbacks to the use of Versions in the Textual Criticism of the New Testament?

5. Westcott and Hort distinguish several types of text. What names do they give to them, and in what manuscripts are these types of text severally represented?

6. The Syrian text is due to a "recension" in the strict sense, being formed out of its three chief predecessors, used simultaneously, with an elaborateness which implies deliberate criticism. Explain and criticise this statement.

7. On what grounds do most of the recent editors of the New Testament regard with favour the group ℵBCL? Is there anything to be said on the other side? Describe any *two* of these manuscripts.

8. State and illustrate the rules for determining the text of the New Testament laid down by Tischendorf or any other recent editor.

b. HERMENEUTICS—Two Hours.

1. Classify the causes which render the meaning of a later copy of an ancient writing obscure to an uninitiated modern reader, and state the resources at our command for elucidating it. Hence deduce the relation in which Textual Criticism and Hermeneutics stand to one another.

2. Distinguish clearly the different meanings of the word *text* (1) in Textual Criticism, (2) in Hermeneutics.

3. State the chief points of distinction between Classic Greek and the Greek of the New Testament. What elements have been distinguished in the language of the New Testament? What effect did the introduction of Christianity produce on the vocabulary of ethics?

4. What principles must govern the use of parallel passages?

5. Sketch briefly the characteristics of style which mark (1) the Epistles of Paul, (2) the Epistle of James, and (3) the Gospel and First Epistle of John.

6. State the causes, general and special, which lead to the use of figurative language, and point out what precautions are therefore necessary in its interpretation.

7. Distinguish between Allegory and the Allegorical Method of Interpretation. Give illustrations.

8. Give some account of the Catechetical School of Alexandria and of the hermeneutical principles of its chief representatives.

VII.—EXAMINATIONS FOR HISTORICAL PRIZES.

I.—LUKE.

A.—ROMAN HISTORY.

1. Translate and comment upon the following passages:—

(*a*) Idemque, in quo fuit publicola maxime, legem ad populum tulit eam, quae centuriatis comitiis prima lata est, ne quis magistratus civem Romanum adversus provocationem necaret neve verberaret. Provocationem autem etiam a regibus fuisse declarant pontificii libri, significant nostri etiam augurales, itemque ab omni iudicio poenaque provocari licere indicant xii tabulae conpluribus legibus, et, quod proditum memoria est, x viros, qui leges scripserint, sine provocatione creatos, satis ostenderit reliquos sine provocatione magistratus non fuisse; Luciique Valerii Potiti et M. Horatii Barbati, hominum concordiae causa sapienter popularium, consularis lex sanxit, ne qui magistratus sine provocatione crearetur. Neque vero leges Porciae, quae tres sunt trium Porciorum, ut scitis, quicquam praeter sanctionem attulerunt novi.

(*b*) Creatique tribuni C. Licinius et L. Sextius promulgavere leges omnes adversus opes patriciorum et pro commodis plebis, unam de aere alieno ut deducto eo de capite, quod usuris pernumeratum esset, id quod superesset triennio aequis portionibus persolveretur, alteram de modo agrorum ne quis plus quingenta iugera agri possideret, tertiam ne tribunorum militum comitia fierent consulumque utique alter ex plebe crearetur.

(*c*) Et quum rogationem promulgassent ut ager ex hostibus captus viritim divideretur, magnaeque partis nobilium eo plebi scito publicarentur fortunae—nec enim ferme quicquam agri ut in urbe alieno solo posita non armis partum erat, nec quod venisset adsignatumve publice esset praeterquam plebs habebat—atrox plebi patribusque propositum videbatur certamen.

(*d*) Tum Cn. Pompeius tertium consul corrigendis moribus delectus et gravior remediis quam delicta erant suarumque legum auctor idem ac subversor, quae armis tuebatur, armis amisit. Exim continua per viginti annos discordia, non mos, non ius; deterrima quaeque impune ac multa honesta exitio fuere. Sexto demum consulatu Caesar Augustus, potentiae securus, quae triumviratu iusserat abolevit, deditque iura quis pace et principe uteremur.

2. Describe briefly the relations of Rome with Carthage down to the end of the Third Punic War. What were the circumstances which brought the two powers into collision? Give the names and dates of all the more important battles that were fought between them.

3. To what extent is it true that the Battle of Actium may be described as "a Second Salamis"?

4. Contrast the colonial systems of Greece, Rome, and Great Britain, with especial reference to their bearing upon the power of the mother country.

5. Describe shortly the Roman system of criminal jurisdiction. In what respects, and from what causes, did it break down?

6. Give a life of Marius, with dates.

7. "Caesar was by nature as intolerant, as Augustus was tolerant, of established forms." Explain and criticise this statement.

8. Describe accurately the frontiers of the Roman Empire at the time of the death of Augustus. To what extent was the empire subsequently extended, and by whom?

9. What light does the history of Rome throw upon the question of a Single or a Double Chamber?

10. How far do the Arts and Professions in which the Greeks and Romans respectively achieved excellence illustrate the difference between the Greek and Roman character?

11. Enumerate the various populations outside Latium inhabiting Italy at the time of the foundation of Rome, and state what is known of their relation to the Romans.

12. Trace the development of military tactics among the Romans; and give the causes which gave rise to changes.

B.—GREEK HISTORY.

I. Comment upon the following passages, translating where necessary:—

1. Καὶ μετὰ τὰ Τρωικὰ ἡ Ἑλλὰς ἔτι μετανίστατό τε καὶ κατῳκίζετο ὥστε μὴ ἡσυχάσασα αὐξηθῆναι· ἥ τε γὰρ ἀναχώρησις τῶν Ἑλλήνων ἐξ Ἰλίου χρονία γενομένη πολλὰ ἐνεόχμωσε, καὶ στάσεις ἐν ταῖς πόλεσιν ὡς ἐπὶ τὸ πολὺ ἐγίγνοντο.
What conditions and events does this refer to? Is it the true explanation?

2. Δράκοντος δὲ νόμοι μέν εἰσι, πολιτείᾳ δὲ τῇ ὑπαρχούσῃ τοὺς νόμους ἔθηκεν. ἴδιον δ' ἐν τοῖς νόμοις οὐδέν ἐστιν ὃ καὶ μνείας ἄξιον, πλὴν ἡ χαλεπότης διὰ τὸ ζημίας μέγεθος.
Criticise this statement.

3. (*a*) Ὑᾶται, Ὀνεᾶται, Χοιρεᾶται.
(*b*) Μέτα δὲ τετραφύλους ἐόντας τοὺς Ἀθηναίους δεκαφύλους ἐποίησε, τῶν Ἴωνος παίδων ἀπαλλάξας τὰς ἐπωνυμίας.
Explain the names in (*a*) and the statement in (*b*).

4. Ἀθηναίοισι δὲ οὐκ ἐδόκεε ἀρχὴν Ἰωνίην γενέσθαι ἀνάστατον, οὐδὲ Πελοποννησίοισι περὶ τῶν σφετέρων ἀποικιῶν βουλεύειν.
What was the proposal the Athenians opposed?

5. Καὶ τὴν μὲν ἐν Ἀρείῳ πάγῳ βουλὴν Ἐφιάλτης ἐκόλουσε καὶ Περικλῆς.
Explain and criticise.

6. Εἰ δὲ προχωρήσειε ταῦτα, ἤδη τῇ Πελοποννήσῳ ἐμέλλομεν ἐπιχειρήσειν, κομίσαντες ξυμπᾶσαν μὲν τὴν ἐκεῖθεν προσγενομένην δύναμιν τῶν Ἑλλήνων, πολλοὺς δὲ βαρβάρους μισθωσάμενοι καὶ Ἴβηρας.
Who said this? Was the idea ever really entertained?

7. *Οὐκ ἔφη ἑαυτοῦ γ' ἄρχοντος οὐδένα Ἑλλήνων εἰς τὸ ἑαυτοῦ δύνατον ἀνδραποδισθήσεσθαι.*

Who said this? What was the usual practice?

8. *Ἀργαῖον κατάγοντας λαβὼν τῶν ἡμετέρων τινὰς πολιτῶν, ἀφῆκε μὲν αὐτούς, ἀπέδωκε δὲ πάντα ὅσ' ἀπώλεσαν, πέμψας δὲ γράμματα ἐπηγγέλλετο ἕτοιμος εἶναι συμμαχίαν ποιεῖσθαι.*

Explain historically.

II.—Answer not more than FOUR of the following:—

1. Discuss the civilization of Mycenae and Tiryns.

2. Discuss the position in Greek History of the Carians, Leleges, Minyae, Aetolians.

3. Discuss the position and influence of the Delphic Oracle.

4. Show the political justification for the existence of *τύραννοι* and *συκόφανται*.

5. What were the principal trade-routes and trade-wars?

6. Show the geographical divisions of the Athenian Empire, and discuss the incidence of the tax.

7. Give the allies of both parties at the outbreak of the Peloponnesian War.

8. Describe the battles of Artemision, Mantinea, Chaeronea; and state what Greek troops were engaged at Thermopylae.

9. Give an account of the conspiracy of Cinadon.

10. Give an account of the (second) Sacred War.

11. Give an account of Cleomenes I., Theramenes, Epaminondas.

II.—GLADSTONE.

1. Describe the chief geographical features of Britain at the time of the English invasion, and show how geography influenced the progress of the invaders.

2. What causes either delayed or hastened the final establishment of the supremacy of Wessex over the other kingdoms?

3. Trace the chief fluctuations in the boundaries between England and Scotland. When and how was the present border fixed?

4. Compare the merits as English rulers of Henry II. and Edward I.

5. Trace and account for the gradual alienation of England from the Papacy, between the Norman Conquest and the reign of Henry VIII.

6. "The so-called Wars of the Roses were not so much a dynastic quarrel as an agglomeration of the private feuds among the chief families." Explain and illustrate.

7. What causes may be assigned for the social discontent which gave rise (1) to the Pilgrimage of Grace, (2) to Ket's Rebellion?

8. Discuss the claims of the Elizabethan age to be regarded as the most glorious period in English history.

9. "In the history of the seventeenth century religious motives play a larger and more influential part than either political or constitutional grievances." How far is this true of (*a*) the Great Rebellion, (*b*) the Revolution of 1688?

10. Discuss the effect of the increased influence of the commercial classes upon the foreign policy of England in the eighteenth century.

11. Compare the services rendered to England by the elder and the younger Pitt.

12. Treat any *one* of the following works (1) as illustrating, (2) as superior to, the national ideas of the time: Chaucer's *Canterbury Tales*, More's *Utopia*, Spenser's *Faery Queen*, Swift's *Gulliver's Travels*.

XIII.—VACATION EXERCISES, Etc.

For 1897-98.

HEBREW AND SEMITIC LANGUAGES.

Prizes are offered—

1. For an original composition in Hebrew.
2. For readings in the Old Testament Scriptures.
3. For an Essay on the Book of Nahum.
4. For an Essay on the reformation in the reign of Josiah.

Professions to be given in, in writing, not later than 8th Nov., 1897.

MORAL PHILOSOPHY CLASS.

A prize is offered for the best Examination on Plato's *Republic* (Davies and Vaughan's translation). Students are recommended to read Bosanquet's *Companion to Plato's Republic* in connection with the translation. The competition is open to students entering the ordinary Moral Philosophy Class in Session 1897-98.

LOGIC CLASS.

(*For Students of the Logic Class in Session* 1896-97.)

Two prizes are offered: one for an Essay on Plato's *Theory of Ideas*, one for an Essay on *Imagination and Thought*.

Essays to be given in to the Professor on or before 1st November, 1897. Each essay must bear a motto, and be accompanied by an envelope bearing the same motto, with the writer's name inside.

ENGLISH LITERATURE.

Vacation Reading.

The Golden Treasury of Songs and Lyrics, ed. Palgrave.

The Examination is open to intending members of the Ordinary Class of 1897-98. A prize will be given for the best paper.

WOMEN'S DEPARTMENT.

Aristotle's *Poetics*, Longinus *On the Sublime*, Lessing's *Laocoon*, all in translation, and Burke on *The Sublime and Beautiful*.

The Examination is open to the members of the Class of 1896-97, and to intending members of the Class of 1897-98. Candidates will be expected to have a general knowledge of the leading principles laid down in the treatises mentioned. The questions, which will be few in number, will use as examples works dealt with in the class, and the answers to them should take the form of short essays.

GREEK CLASSES.

Open to any member of the Greek Class, Sessions 1896-97 and 1897-98.

1. Greek Prose—John S. Mill, *Representative Government*, Chapter I. down to "The hindrance often amounts, for the time being, to impracticability."

2. To learn by heart Sophocles' *Oedipus Tyrannus*, omitting the lyrical passages.

3. To learn in the same way *Odyssey* VI.

4. A written examination in Aeschylus, *Agamemnon*, to be held in October, 1897.

5. A written examination in Burnet's *Early Greek Philosophy*, together with translation from the passages quoted in Ritter and Preller, *Historia Philosophiae*, pp. 1--190.

The same student may enter for all the above competitions. Several prizes may be given for each competition. Junior students will be judged on a more lenient standard.

The Prose to be sent in by 17th October, 1897.

HUMANITY CLASS.

Prizes will be given for Vacation Exercises as follows :—

I. Open to all students who shall enrol in the Senior Class of 1897-98, for the best Examination in the following subjects :—

1. Livy, Book I.
2. Virgil, *Georgics* I. and IV.

II. Open to all members of the Junior Class, 1896-97 :

1. Virgil, *Æneid* II., lines 1—401 (Sidgwick).
2. Cicero, *In Catilinam* III., IV. (Wilkins).

III. For Latin Prose—Open to all members of the Senior Class 1896-97. A short Latin Essay of about ten MS. pages on the Life and Character of Sejanus.

IV. For Latin Prose—Open to all students who shall enrol in the Senior Class of 1897-98. For the best translation into Latin of the following passage from Scott's *Waverley*, chap. XLVI., from "While the English army went through these evolutions," down to "rode slowly back to the front of his regiment."

The Examinations in the above subjects will be held early in November, 1897. The exercises must be sent in to the Professor on or before 1st November. Each exercise must bear a motto, and be accompanied by an envelope bearing the same motto, with the writer's name inside, together with a statement that the exercise is his own unaided work.

CLASS OF BOTANY.

A prize is offered to students in the Class of Botany in Session 1896-97 for the best and approved Herbarium of Scottish Phanerogamous and Vascular Cryptogamous plants, to be named after Hooker's *Students' Flora of the British Islands*. The specimens must have been collected upon the mainland of Scotland, or upon the Scottish Islands, between 20th April, 1897, and 15th October, 1898, and must have affixed, in addition to the name, the date and locality of collection.

The Herbaria must be sent, addressed to the Professor of Botany, to the University of Glasgow, on or before 15th October, 1898, and with each a sealed note bearing a motto outside, and containing the name of the competitor, with a declaration that the plants in the collection have all been gathered by himself in Scotland, and within the period above stated, and that they have been named by him without assistance, save that derived from books or Herbaria.

The collections must be accompanied by a numbered and arranged list of the plants contained in them.

ABSTRACT OF THE PROCEEDINGS OF THE UNIVERSITY COURT.

FROM 1ST JUNE, 1896, to 31ST MAY, 1897.

18th June, 1896.—The Court met. Present—Sir James King, Bart. (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sheriff Berry; Professor Stewart; and Professor Jack. A letter from the agents of the Bellahouston Trustees with regard to a possible increase in their grant for the proposed Chair of Geology was remitted to the Finance Committee for consideration. The Court reappointed Mr. Charles King of Antermony as their representative on the Stirling Educational Trust for a period of five years. Leave of absence for six weeks was granted to Dr. J. H. Teacher, Under-keeper in the Museum, Pathological Department, to enable him to carry out certain work in Spain. A report of the Museums Committee, dealing *inter alia* with the insurance of the Museum and its contents, was received. The Finance Committee minute of 9th June, dealing *inter alia* with payment of servants, college loans, etc., was read and approved. Minute of meeting of the Recognition Committee of 12th May was read and approved. The Court agreed to recognize Dr. John Edgar and Dr. R. M. Buchanan as extra-academical lecturers, whose courses at Anderson's College Medical School, on Midwifery and Medical Jurisprudence respectively, should qualify for graduation in Medicine in the University. It was further agreed to recognize the day classes in Mathematics of Mr. George A. Gibson, M.A., at the Technical College as qualifying *pro tanto* for Degrees in Science in the University. It was reported that the General Medical Council had lately passed a resolution making it no longer compulsory for the entire medical preliminary examination of the Scottish Universities to be passed at one and the same time. The Secretary was instructed to communicate with the Secretary of the Edinburgh University Court, inquiring whether that Court would concur with the Glasgow Court in requesting the University Commissioners to amend the Edinburgh and Glasgow University Medical Ordinances, so as to bring them into conformity with the resolution of the General Medical Council. A letter from Professor Bower was submitted, intimating the resignation of his senior assistant, Mr. Willis, and the Court, on Dr. Bower's recommendation, appointed Mr. W. H. Lang, M.B., B.Sc., as his successor. The various lecturers at Queen Margaret College were reappointed for another year. In answer to the Business Committee of the General Council the Secretary was instructed to reply that in the event of a local committee being formed in connection with the University of Glasgow, in terms of articles 83-99 of the Scottish

Education Code, 1896, their suggestion that some representation should be given to the General Council would be kept in view. Draft Ordinance [Gen. No. 40—Regulations for Degrees in Science], together with a letter from the Commissioners regarding same, were remitted to the Ordinance Committee. The secretary intimated the gift of 30 volumes to the Hunterian Library by Mr. Alexander Murdoch, and was instructed to cordially thank Mr. Murdoch for his valuable gift. A letter from the Senate was read, containing suggestions for providing increased facilities for training in Obstetrics and Gynaecology, and it was remitted to a committee for consideration and report. The Court had under consideration the "Regulations for Examinations for Graduation in Medicine," which had been transmitted by the Senate, and these were approved of, except as to paragraph 7, which was remitted for consideration to a Committee. On the application of Professor Young, the Court allowed the use of a room at Queen Margaret College for the Cambridge Local Examinations to be held this month. The secretary submitted a letter from the agents of the Bellahouston Trustees intimating the renewal of the annual grants to the University from that fund for another year, and the Secretary was instructed to thank the Trustees for same. With reference to minute of Meeting of 23rd March last, the secretary was further instructed to write to the Clerk of Senate that what the Court desires is that one copy of each examination paper should be sent to be laid on the table. A letter from the Senate was submitted reporting a relaxation by the Senate under Ordinance No. 11, Section XXII.

9th July, 1896.—The Court met. Present—Sheriff Berry (in the chair); Sir James King, Bart.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. The Court appointed Mr. R. Y. Tyrrell, Litt.D., D.C.L., LL.D., Trinity College, Dublin, as additional examiner in Classics for Degrees in Arts as from 1st October next to 31st December, 1899. The Court appointed the Rev. Henry Bremner, D.D., Partick, and the Rev. John Maclean, D.D., Hill Street, Glasgow, as additional examiners for the Degree of B.D.—both from 1st October next to 31st December, 1899. A letter from the President of the General Council of Medical Education and Registration, with regard to the disciplinary or penal powers of the qualifying medical authorities, was submitted and remitted for consideration and report to a Committee. On the recommendation of Professor Ferguson, and owing to the resignation of Mr. J. Stanley Muir, the Court appointed Mr. William Carrick Anderson, B.Sc., as one of the university assistants to the Professor of Chemistry, and Mr. George Lean, B.Sc., as class assistant to the Professor of Chemistry, both from 1st April last to 30th September next. Under Section I. of Ordinance No. 139—Date of Rectorial Elections—the Court, having received an expression of opinion from the Senate in favour of Saturday, 31st October next, as the date for the rectorial election, which takes place in the autumn, approved and fixed the above day as the date of the forthcoming election. With regard to Ordinance No. 149 – foundation of Adam Smith Chair of Political Economy—the Secretary was instructed to communicate with the Merchants' House, Trades' house, and Chamber of Commerce as to advertising the vacant professorship, with a view to having an appointment made early in October next. On the recommendation of the Senate, the Court resolved that the course of lectures on physics for medical students should in future be held in the summer session instead of the winter, and that in the academic year 1896-97 courses of lectures on physics should be conducted both in winter and summer sessions. Dr. Thomas Reid was reappointed Waltonian Lecturer and Lecturer on the Eye; Dr. Yellowlees, Lecturer on Insanity; and Dr. Teacher, Under-keeper Pathological Department, Hunterian Museum, all for one year from 1st October next. The Finance Committee minutes of 1st and 7th July, dealing *inter alia* with letter from the Honeyman Gillespie Trustees, with regard to the proposed Chair of Geology, college loans, insurance of museum and contents, remuneration of law examiners, and expenses of Kelvin Jubilee celebrations, were read and approved. The following letter from Lord Kelvin to Professor Jack was submitted:—"28 Chester Square, S.W., June 25, 1896. Dear Sir,—I wish to express to the University Court my warmest thanks for the great honour and kindness it has done me in joining with the city to commemorate the Jubilee of my Professorship in the University. I am deeply sensible of the kindness to myself which has entered into this action, and I am most grateful for it to yourself, and to all your colleagues of the University Court. Will you kindly lay this letter before them at your next meeting, and ask them to accept it as a very imperfect expression of the gratitude which I feel?—Believe me, yours very truly, (Signed) KELVIN." Professor Stewart reported, on behalf of a joint meeting of the Finance and Public Health Laboratory Committees, which had taken place before the Court meeting, to consider as to the erection and equipment of a temporary public health laboratory. A minute of the Ordinance Committee, dated 22nd June, was read and approved, proposing certain observations to be made to the Commissioners on Draft Ordinance [General No. 40—Regulations for Degrees in Science, etc.]. The Works Committee minutes of 22nd February, 22nd June, and 8th July, dealing *inter alia* with the proposed sewage works, the insurance of the Anatomy buildings at Queen Margaret College, the erection of the Sandford and Veitch Memorials, the electric lighting of the temporary Engineering laboratory, ventilation of Chemical laboratory, and report by the Master of Works on the work proposed to be done during the summer, were read and approved. The Court agreed to recognize Mr. Alexander Maclay's courses of engineering drawing and design at the Technical College as qualifying *pro tanto* for the Degree in Science and Engineering. The Secretary submitted returns of the number of Students in non-qualifying classes of Latin, Greek, and Mathematics, for session 1895-96, and was instructed to forward these to the General Council. He further submitted an additional request from the General Council for similar statistics for session 1895-96, and was instructed to reply that the Court hope to have these particulars prepared and forwarded shortly, but owing to the great labour involved they cannot undertake that these statistics will be forwarded to them for the October meeting. The Secretary submitted statistics of the passes, entries, and rejections of the Degree examinations for session 1894-95, which had been forwarded by the Clerk of Senate, and these were laid on the table. A communication from the Bellahouston Trustees with regard to the grants for the Botany and Engineering buildings was read, and the Secretary was instructed to ask the architects for completed plans for these buildings. On the application of the Professor of Pathology, and on the recommendation of the Senate, the Court agreed to the conduct of a Post-graduate course in Bacteriology in the Pathological Institute of the Western Infirmary, from the middle of October till the middle of November.

23rd July, 1896.—The Court met. Present—Sheriff Berry (in the chair), M. P. Fraser, LL.B.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. The Secretary submitted prints of regulations for Degrees of M.D. and Ch.M., framed by the Senate under Sections XXI. and XXII. of Ordinance No. 14, and the Court approved of these for the following session, and noted several matters which they deemed it desirable should be considered by the Senate before the Court's approval is given for another session. The Court had again under consideration Regulations for the Examinations for Graduation in Medicine, and having received a report of the Committee on the same together with a further report from the Senate, they approved of paragraph 7 thereof, the No. "60" having been deleted and "65" substituted. The Court had again under consideration the letter from the Senate suggesting increased facilities for training in Obstetrics and Gynaecology, which was before the Court on 18th June, and having received the report of a Committee thereon, appointed Professor Gairdner to accompany the Professor of Midwifery (Dr. Murdoch Cameron) in approaching the Directors of the Maternity Hospital on the subject. The Court had again under consideration the plans of the Botany and Engineering Laboratory, and deferred consideration until a future meeting. The Secretary submitted letters he had received from the Honeyman Gillespie trustees and from the Bellahouston trustees, with regard to the Honeyman Gillespie funds and the proposed Chair of Geology. He was instructed again to write to the Honeyman Gillespie trustees intimating that the Court will be glad to have the particulars of the funds as promised, and inquiring whether the Honeyman Gillespie trustees will be prepared to hand over the funds to the University Court in the event of a Chair being established. The Court received a report of the Recognition Committee, and agreed to recognize courses in Midwifery and certain Clinical work at Leipsig University, subject to Ordinance No. 14, Section VII. (4, 6, and 7). The Court remitted a request for recognition of Matriculation examination and of certain courses taken at Bishop's College, Montreal, to the Joint Board for consideration in the first instance regarding the matriculation examination. The Court resolved to recognize the Universities of Oxford, Cambridge, Dublin, and the four Inns of Court, London, for the purpose of graduation in Law under Ordinance No. 39, Section III. (1), but subject to Section II. of same Ordinance. The Secretary reported that he had communicated with the University Court of the University of Edinburgh with a view of approaching the Commissioners to amend the medical ordinance regarding the preliminary examination, in view of the recent decision of the General Medical Council, and had received for reply that the Edinburgh University Court agreed with what this Court had suggested and that accordingly they had now applied to the Commissioners. The Secretary was instructed to apply to the Commissioners direct on behalf of this University. The Court approved of a resolution of the Senate fixing the course of lectures in Political Economy for next session at 80 meetings. Certain relaxations by the Senate under Section XXII. of Ordinance No. 11 were reported. Schemes of courses in Medicine and Science under Ordinances 14, and 12, 23, and 42 respectively were approved.

5th October, 1896.—The Court met, together with the Representatives from the Chamber of Commerce, the Merchants' House, and the Trades' House, associated with the Court for the purpose of electing a Professor to the "Adam Smith" Chair of Political Economy. Present—The Principal (in the chair); Sir James Bell, Bart.; Sir James King, Bart.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sheriff Berry; Professor Stewart; Professor Jack; Professor Gairdner; Andrew Stewart, Esq., representing the Chamber of Commerce; Hugh Brown, Esq., representing the Merchants' House; and Robert Ramsay, Esq., representing the Trades' House. After a general discussion the meeting was adjourned for a fortnight.

15th October, 1896.—The Court met. Present—The Principal (in the chair); M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sheriff Berry; Professor Stewart; Professor Jack; and Professor Gairdner. The Court appointed Mr. William Crum, of Thornliebank, and Professor Gairdner to represent them as Governors of the Victoria Infirmary, and Mr. M. P. Fraser, LL.B., and the Rev. J. W. King, D.D., to represent them as Managers of the Western Infirmary for the following year. On the recommendation of the several professors the various University assistants were appointed for the following year. The Court appointed Dr. Alexander Ferguson as University assistant to the Professor of Pathology in the new pathological institute, with special reference to Bacteriology, for the ensuing year. Dr. Thomas Barr was reappointed lecturer on diseases of the ear, and Dr. J. Walker Downie as lecturer on diseases of the throat and nose, each for one year from 1st October. Mr. James Milligan, M.A., Girls' High School, and Dr. James Colville, Newton Place, were reappointed additional examiners in Education and History respectively, and Mr. Alfred Mercier and Dr. Alexander Tille as lecturer examiners in French and German respectively, all for degrees in Arts for the ensuing year. Dr. Smart was appointed examiner in Political Economy for degrees in Law till March next. Sheriff Berry, the Rev. Dr. King, and Emeritus Professor Dickson were appointed as the representatives of the Court on the Library Committee, Dr. Cameron and Dr. M'Vail as their representatives on the Museums Committee, and the Lord Provost and Sir James King as their representatives on the Observatory and Laboratories Committee, all for the following year. A letter was submitted from Mr. W. Galbraith Miller appealing against the decision of the Senate regarding the pass marks for the Degree of LL.B. in the case of certain students. The Secretary was instructed to send a letter to the Senate for any answer they have to make. A letter from the Clerk of Senate was submitted, reporting relaxation by the Senate under Ordinance No. 11, Section XXII.

19th October, 1896.—The Court met, together with the representatives from the Chamber of Commerce, the Merchants' House, and the Trades' House, associated with the Court for the purpose of electing a Professor to the "Adam Smith" Chair of Political Economy. Present—The Principal (in the chair); Sir James Bell, Bart.; Sir James King, Bart.; M. P. Fraser, LL.B.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Sir J. N. Cuthbertson, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sheriff Berry; Professor Stewart; Professor Jack; Professor Gairdner; Paul Rottenburg, Esq., representing the Chamber of Commerce; Hugh Brown, Esq., representing the Merchants' House; and Robert Ramsay, Esq., representing the Trades' House. William Smart, M.A., D.Phil., LL.D., Nunholm, Dowanhill, was appointed to the "Adam Smith" Chair of Political Economy at the University.

29th October, 1896.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; M. P. Fraser, LL.B.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sheriff Berry; Professor Stewart; Professor Jack; and Professor Gairdner; also Professor Barr; Professor Bower; Mr. J. Oldrid Scott, architect; and Mr. John James Burnet, architect. The Secretary read to the meeting the various minutes and correspondence bearing on the question of the Engineering and Botany Laboratories plans, and laid before them the whole correspondence. It was remitted to Professor Gairdner and Professor Stewart to lay the plans of the proposed new buildings before the Faculty of Medicine, to ascertain their views, and to convey these views to the Court.

12th November, 1896.—The Court met. Present—The Principal (in the chair); the Honourable Lord Provost Richmond; Sir James King, Bart.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. The Secretary reported that he had received intimation from the Clerk of Senate of the appointment of the Right Honourable Joseph Chamberlain, M.P., as Lord Rector of the University. The Court agreed to recognize: (1) Dr. J. Lindsay Steven as an extra-mural teacher in Practice of Medicine for the purpose of graduation in Medicine; and (2) the courses in Physics and Electrical Engineering of Professor Francis G. Baily, M.A., Heriot Watt College, Edinburgh, for the purposes of graduation in Science. Minute of meeting of the Finance Committee of 10th November, dealing *inter alia* with college loans, insurance of library and museum, and abstract of accounts for 1895-96, was read and approved. Mr. George Macdonald, M.A., and Mr. John Brown, M.A., were appointed lecturers in Greek and Latin respectively. The Court appointed the following as preliminary examiners for a year from 1st February, 1897: Professors Ramsay, Bradley, Lodge, Jack, and Murray; Professor Gibson, Technical College, and Mr. John Dougall (Mathematics); Mr. A. M. Williams (English); Mr. Alfred Mercier (French); Mr. Malcolm G. Ramsay, B.A. (German); Mr. John Brown, M.A., and Mr. John Edgar, M.A., B.A., Edinburgh (Classics). The Court appointed the following as their representatives on the Joint Board for one year, from 1st February next: Mr. A. M. Williams (English); Mr. John Edgar (Classics); Professor Jack (Mathematics); and Mr. Alfred Mercier (Modern Languages). A letter from Professor Cleland on the teaching of Embryology in the University was remitted to the Finance Committee for consideration and report. The Court agreed to receive a deputation from the Faculty of Physicians and Surgeons in Glasgow with respect to a proposed memorial to Drs. William and John Hunter. A letter from the chairman of the Civil Rights Defence Committee, requesting the co-operation of the representative of the University on the General Medical Council in furthering the objects of the committee, was remitted to Professor Gairdner with powers. An excerpt minute of Senate, of date 22nd October, 1896, forwarding a draft syllabus of proposed course of evening free lectures for 1896-97, was submitted, and the Court approved of the same. A letter was submitted from Professor Bower intimating that he had received from Dr. James Finlayson, Glasgow, a valuable herbarium of British plants, partly collected by Professor Syme, late Professor of Clinical Surgery in the University of Edinburgh, and now presented specially for Queen Margaret College; and the Secretary was instructed to thank Dr. Finlayson on behalf of the Court. A memorandum by the Medical Faculty regarding the erection of the new Engineering and Botanical buildings, together with additional memoranda from various professors, and a letter from Professor Macewen, were submitted and directed to be sent to the Senate. The Secretary submitted certain excerpt minutes of Senate, which he had received from the Senate, on Mr. W. Galbraith Miller's appeal. He was instructed to get certain information regarding the marks in the Examinations for Degrees in Law at other Universities. A letter from the Clerk to the General Council with a request for additional statistics of the junior and middle classes was submitted, and it was remitted to Professor Stewart to prepare the same. Regulations for the final Science Examination for the Degree of B.Sc., drawn up by the Senate, were approved. A letter from the Clerk of Senate, making intimation of a legacy of £2000 to the Senate by the late James Reid Stewart for the foundation of "The Reid Stewart Fellowship," was submitted. The Court approved of an excerpt minute of Senate making certain regulations as to the conditions for Research Students. Reports of relaxation by the Senate under Sections XIII. and XXII. of Ordinance No. 11 were submitted.

19th November, 1896.—The Court met. Present—The Principal (in the chair); the Honourable Lord Provost Richmond; Sir James King, Bart.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Sheriff Berry; Professor Stewart; Professor Jack; and Professor Gairdner. The Court had again under consideration plans for the Engineering and Botanical Laboratories. The Secretary reported that as instructed at the meeting of 12th November, he had forwarded the various documents to the Senate, and submitted an excerpt minute of Senate received in reply along with other documents received. The Court resolved to have a further consultation with the architects on the question of site and other matters. The Secretary also reported that he had received intimation that, through the kind instrumentality of Mr. Andrew Stewart, the Trustees of the Murdoch Memorial Fund had decided to devote a sum of about £190 to the provision of a gas engine for the temporary Engineering Laboratory, the engine ultimately to form part of the equipment of the permanent laboratory. Professor Barr was authorized to consult with the architects regarding the brackets for electric lighting to be put up in the Bute Hall. With regard to Mr. W. Galbraith Miller's appeal, the Secretary submitted letters he had received from Mr. Miller suggesting that certain information should be procured by the Court from the Senate regarding marks, etc., and further, that he desired to be heard orally on his appeal. The Secretary was instructed to inform the Senate so that they might appoint representatives to be heard orally in reply should they think fit.

4th December, 1896.—The Court met. Present—The Principal (in the chair): the Honourable Lord Provost Richmond; Sir James King, Bart.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry; also Professor Barr; Professor Bower; Mr. J. Oldrid Scott; and Mr. J. J. Burnet. The Secretary reported that he had received intimation of the re-election by the Senate of Sheriff Berry as Assessor in the Court. The architects submitted a sketch plan showing alterations proposed on the site for the new Engineering and Botanical Laboratories. It was remitted to Professor Gairdner and the architects to lay these before the Medical Professors for any remarks they may have to make.

7th December, 1896.—The Court met. Present—The Principal (in the chair); the Honourable Lord Provost Richmond; Sir James King, Bart.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry; also Professor Barr; Professor Bower; Mr. J. Oldrid Scott; and Mr J. J. Burnet. The meeting had again under consideration the site of the Engineering and Botanical Laboratories. The Secretary submitted letters from Professors Barr and Bower, and a memorandum from Professor Charteris on the subject. Professor Gairdner reported that two meetings of the Medical Professors had been held, and reported the views of the Professors expressed at these meetings. The Court resolved on a site for the Engineering and Botanical Laboratories to the east of the present buildings, and gave instructions for this resolution to be communicated to the Senate.

10th December, 1896—The Court met. Present—The Principal (in the chair); James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev.

J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minute of meeting of the Ordinance Committee, dealing with (1) rules and regulations of the Students' Representative Council, which are under revision; and (2) recommending that no alterations be proposed by the Court on Draft Ordinance (Regulations for Degrees in Medicine, supplementary to Ordinances Nos. 14, 15, and 16), was read and approved. Minute of meeting of Finance Committee of 8th December, dealing with half-yearly accounts, investment of funds, and various other matters, was read and approved. The Court received a deputation from the Faculty of Physicians and Surgeons regarding the proposed formation of a committee for the purpose of getting up a memorial to Drs. William and John Hunter, and, after hearing the deputation, appointed certain members to represent the University on the proposed committee. The Court appointed a committee to consider the urgent requirements in regard to extension of laboratory accommodation of the Medical School of the University.

18th December, 1896.—The Court met. Present—The Principal (in the chair); the Honourable Lord Provost Richmond; Sir James King, Bart.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minute of meeting of the Finance Committee of this day's date was read and approved, dealing with the expense of fitting up the new Pathological Laboratory. The Secretary reported that, as instructed at the meeting on 7th December, he had forwarded a copy of the Court's resolution to the Senate, and now submitted an excerpt minute of Senate approving of the site chosen. He also submitted letters received from Professors Barr and Bower. He was instructed to send intimation of the selection of the site to the Bellahouston Trustees, and the Engineering and Laboratories (Subscribers) Committee.

21st January, 1897.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Rev. J. W. King, D.D.; Hector C. Cameron, M.D.; D. C. M'Vail, M.B.; Professor Jack; Professor Gairdner; and Sheriff Berry. Intimation was received that Dr. David Murray, Dean of the Faculty of Procurators, Glasgow, had been appointed by the Rector as his Assessor in the University Court. Minute of meeting of the Finance Committee of 19th January was submitted and approved, dealing *inter alia* with forecast of finance for the ensuing year, University investments, class prizes, salaries of assistants, and other matters. Notes by two of the members of Court upon the librarian's report for the year 1895-96 were submitted, pointing out that about 2394 volumes had been added to the library during the year, and taking special notice of valuable gifts to the library during the past year by, amongst others, the Right Honourable the Marquis of Lothian, Lord Kelvin, Dr. Thomas Reid, Sir John Stirling-Maxwell, Bart., M.P., and Mr. Archibald Stirling, of Keir. The Court recorded their appreciation of these valuable gifts, and directed the Secretary to convey the thanks of the Court to the donors. The Court appointed Guthrie Rankin (M.D., Glasgow), 4 Chesham Street, Belgrave Square, London, Additional Examiner in Medicine (systematic and clinical); James A. Adams (M.D., Glasgow), 5 Woodside Crescent, Glasgow, Additional Examiner in Surgery (systematic and clinical); Thomas Kilpatrick Monro (M.A., M.D., Glasgow), 10 Clairmont Gardens, Glasgow, Additional Examiner in Pathology; and Professor Stirling, of Owen's College, Manchester, Additional Examiner in Physiology: all for four years from 1st January. The Court reappointed Dr. Robert Perry director of the Glasgow Samaritan Hospital for Women for this year. The Secretary submitted excerpt minute from the Bellahouston Trustees concurring in the site for the new Engineering and Botanical Laboratories. The Court agreed to receive a deputation from the Senate at their meeting in March for a conference regarding the teaching of Public Health. The Court approved of certain work required on the plantations on the college farms at East Kilbride. The Secretary submitted a letter from the Clerk of Senate intimating that the Senate had appointed Professor Moody Stuart and Professor Moir to appear for the Senate in Mr. Galbraith Miller's appeal. The Secretary submitted an inventory of apparatus and instruments presented to the University for the Pathological department by Professor Coats, and was instructed to convey to Professor Coats the cordial thanks of the University for the presentation. A letter from the Senate was submitted, reporting a relaxation under Ordinance No. 11, Section XXII.

11th February, 1897.—The Court met. Present—The Principal (in the chair); David Murray, LL.D.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minute of meeting of the Finance Committee of 9th February, dealing with college investments, assistants' salaries, and other matters, was read and approved. Minute of meeting of the Works Committee of 21st January, dealing with the electric lighting of the Bute and Randolph Halls, was read and approved. The Court heard the appeal of Mr. W. Galbraith Miller against the decision of the Senate regarding the pass-marks for LL.B. Professor Moir and Professor Moody Stuart were heard in reply, and further consideration was deferred. The Court resolved to recommend to the Managers of the Western Infirmary that Mr. Alan E. Clapperton should be appointed a Manager of the Infirmary in place of Mr. M. P. Fraser resigned. The Court appointed Professor Strong, of University College, Liverpool, as Additional Examiner in French for the preliminary examinations for this year. A handbill of proposed arrangements for the forthcoming summer session was submitted, and the classes approved of and the fees fixed. The Court approved of two post-graduate courses in Practical Pathology and Bacteriology to be conducted by Professor Coats during March, and fixed the fees. A letter from the Senate was submitted reporting relaxation by the Senate under Ordinance No. 12, Section X.

3rd March, 1897.—The Court met. Present—Sheriff Berry (in the chair); David Murray, LL.D.; Hector C. Cameron, M.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. The meeting received the deputation from the Senate regarding the teaching of Public Health referred to in minute of meeting of 21st January, 1897. After a general discussion it was remitted to a committee to prepare a scheme for a Degree in Public Health to be submitted to an adjourned meeting.

11th March, 1897.—The Court met. Present—Sheriff Berry, LL.D. (in the chair); Sir James King, Bart.; James Colquhoun, LL.D.; Hector C. Cameron, M.D.; Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; and Professor Gairdner. Minute of meeting of the Recognition Committee of 3rd March was read and approved, and the Court agreed to allow certain students, holding the Diplomas of the Glasgow and West of Scotland Technical College, to be admitted to the examinations for the Degree of B.Sc., after taking certain classes in the University. Minute of meeting of the Finance Committee was read and approved, dealing *inter alia* with assistants' salaries, grants to the library, improvement on Dundonald Foundation farms, college securities, insurance, electric lighting, etc. The Court had again under consideration Mr. Galbraith Miller's appeal on the subject of pass-marks for LL.B., and resolved to decline to interfere with the decision of the Senate in the three cases to which the appeal related. The Court at the same time minuted a statement of their views regarding the system to be followed in examinations for these degrees. Dr. David Ross was appointed Lecturer-Examiner in Education; Professor Walker, Lampeter, was appointed Additional Examiner in Political Economy; and the Rev. Dr. Maclean, Additional Examiner in Hebrew, for Degrees in Arts; all for the present year. The Secretary submitted a representation by the Students' Representative Council on the question of the teaching of Therapeutics, clinical and practical, and was instructed to refer to the Court's answer on the same subject of 3rd August, 1894, and to state that, while the Court have sympathy with the object of the representation, it is not within their power to make the arrangement the representation suggests. The Secretary submitted a further representation by the Students' Representative Council regarding fifth-year medical students, who, not being matriculated, do not receive the privileges of matriculated students, and was instructed to write to the Commissioners stating that the Court sympathize with the students in their difficulty, and request the Commissioners to consider whether an amendment should not be made on Ordinance No. 147 to remove the difficulty. The Court resolved to recognize the wards and dispensary of the Eye Infirmary for the purpose of instruction in Ophthalmology for graduation in Medicine under Section X. of Ordinance No. 14. Regulations for the Degrees of M.D. and Ch.M., transmitted by the Senate, were approved of by the Court under Sections XXI. and XXII. of Ordinance No. 14. The Court granted leave of absence to Professor Simpson on the ground of ill-health, and appointed Dr. Galt to conduct the work of the class and examinations as *locum tenens* during the year, with an assistant to be appointed under him. The Secretary submitted excerpt minute of Senate of 18th February, containing the Senate's answers to the points set before them by the Court on 23rd July, 1896, and the regulations for Degrees of M.D. and Ch.M. were approved by the Court. The Secretary received instructions to reply to the General Council regarding their request for additions to the annual return of statistics and marking on class tickets, etc., viz., that the annual statistics being in a common form prescribed for all the Universities, it would not be suitable for one University to endeavour to alter the form, and that the records which the Council suggest should be marked upon class tickets are carefully kept in the Clerk of Senate's office. Intimation was made of a gift to the University of £1600 by Mr. James Stevenson, of Hailie, Largs, for the purpose of printing an illustrated catalogue of the Hunterian coins. The Court resolved to accept the gift, and directed that a cordial letter of thanks should be sent to Mr. Stevenson for his munificent gift and his regard for the welfare of the University.

15th April, 1897.—The Court met. Present—The Principal (in the chair), the Hon. The Lord Provost; Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Sir J. N. Cuthbertson, LL.D.: Rev. J. W. King, D.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minute of meeting of the Recognition Committee of 6th April was read and approved, and in terms thereof the Court agreed to recognize the courses of instruction upon Mental Diseases, conducted by Dr. A. Campbell Clark, in St. Mungo College, Glasgow, and in the Lanark District Asylum at Hartwood. Minute of meeting of the Works Committee of 6th April, dealing *inter alia* with repairs and work to be done at the University buildings during the summer, was read and approved. Minute of meeting of the Ordinance Committee of 12th April, was read and approved, suggesting an alteration on Draft Ordinance General No. 39, as to graduation with honours in Economic and Political Science. Minute of meeting of the Finance Committee of 13th April was read and approved, dealing with lectureship on Embryology, Joint Board expenses, purchase of feu-duties for the University, investment of funds, and other matters. The Secretary reported that he had written to the Commissioners as instructed regarding the proposal to allow fifth-year medical students the privileges of matriculated students, and had received a reply from the Commissioners stating that in their view the alterations proposed would be inconsistent with the policy of the Ordinance. It was remitted to a Committee again to approach the Commissioners on this point. The annual report of the Library Committee was submitted. That portion dealing with the needs of the Library was remitted to the Finance Committee. The annual report of the Museums Committee was submitted. With regard to the publication of photographs of certain Roman stones in the Museum, together with an illustrated text, the Court desires to acknowledge the generous action of the late Mr. Thomas Annan, who in 1872 photographed the stones before they were placed in the Museum. An excerpt minute of Senate, with reference to the Court's proposal regarding half courses of teaching in the London Hospital, was submitted and remitted to the Recognition Committee.

The Court approved of the Senate's decision that the course in Political Economy for Degrees in Arts should extend to 100 lectures. On the recommendation of Professor Simpson, the Court appointed Mr. James A. Mitchell assistant in the Forensic Medicine Class for the present year. Letters were submitted from the architects regarding the Engineering Laboratory. The court agreed to meet the chairman and vice-chairmen of the Engineering Laboratory (Subscribers) Committee on Wednesday, 21st inst. The Court approved of schemes of courses in Medicine and Science drawn up by the Senate under Ordinances 14, 12, 23, and 42. The Court resolved to rent a table at the Millport Marine Biological Station, to be named the "Glasgow University Table." The Court received the table of statistics giving the number of students attending the Latin, Greek, and Mathematics classes in 1895-96 asked for by the General Council, and the Secretary was instructed to transmit the same to the General Council. The Court having resumed consideration of the teaching of Arts subjects at Queen Margaret College, resolved to provide separate teaching at Queen Margaret College in the classes of Logic and Moral Philosophy to qualify for the Degree of M.A. A letter from the Clerk of Senate was submitted, reporting relaxation by the Senate under Ordinance No. 11, Section XXII.

21st April, 1897.—The Court met. Present—The Principal (in the chair), The Hon. Lord Provost Richmond; Sir James King, Bart.; David Murray, LL.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. The Court received the Chairman and Vice-Chairmen of the Engineering and Laboratories (Subscribers) Committee, viz.: Sir Wm. Arrol; Sir Renny Watson; Peter Denny, Esq.; John Inglis, Esq.; and Robert Gourlay, Esq. A discussion took place on the proposed site for the Engineering and Botanical Laboratories, and several proposals were made. It was remitted to a Committee to consider and consult with the architects, and inquire what space would be required to place these Laboratories on the North of the Athletic Field, and whether by diverting the roadway on the south of the Athletic Field a corresponding increase to the Athletic Field could be made. The Court granted leave of absence to Professor Coats for the summer session, on the ground of ill-health. It was proposed to appoint a Lecturer during Professor Coats' absence, and the Court resolved to consult the Senate in terms of Section IX. of Ordinance No. 17. With reference to the Court's resolution regarding the teaching of classes of Logic and Moral Philosophy at Queen Margaret College, it was proposed to appoint Lecturers on these subjects, and the Court resolved to consult the Senate under Ordinance No. 17, as above.

6th May, 1897.—The Court met. Present—The Principal (in the chair); Sir James King, Bart.; David Murray, LL.D.; James Colquhoun, LL.D.; Sir J. N. Cuthbertson, LL.D.; D. C. M'Vail, M.B.; Professor Stewart; Professor Jack; Professor Gairdner; and Sheriff Berry. Minute of meeting of the Finance Committee of 4th May, 1897, dealing *inter alia* with assistants, Museums Committee report, college loans, investments, and accounts, was read and approved. Minute of meeting of the Recognition Committee of 5th May, 1897, was read and approved.

The Court agreed to recognize Dr. J. A. Berry's lectures on Anatomy at the New School of Medicine, Edinburgh, as qualifying *pro tanto* for graduation in Medicine. For the purposes of Ordinance No. 63 (Regulations for the Degree of Bachelor of Divinity) the Court resolved to recognize *pro tanto* every Theological College in the United Kingdom, having a distinct staff of teachers for the separate subjects, in so far as the Theological course is subsequent to the Arts course. The Court having received a report from the Senate under Section IX. (2) of Ordinance No. 17, appointed Mr. Norman D. Smith, M.A., Lecturer in Logic, and Mr. R. A. Duff, M.A., Lecturer on Moral Philosophy, both at Queen Margaret College. The Court having received a report from the Senate under Section IX. (2) of Ordinance No. 17, appointed Mr. Lewis R. Sutherland, M.B., C.M., Lecturer on Pathology at the University for the present summer session, to do duty during the temporary absence of Professor Coats. The Court granted leave of absence during the summer session now opening to Professor Charteris, on the ground of ill-health. The Court, under Ordinance No. 61, resolved to approve of the Senate conferring the title of Research Fellows upon John Carruthers Beattie, D.Sc., and Marian Smolnchowski de Smolan, Ph.D., both presently research students in the Physical Laboratory at the University. The Secretary intimated a bequest by the late W. B. Faulds, writer, Glasgow, of the residue of his estate, after expiry of life-rent, for the foundation of four Fellowships, one in Arts, one in Medicine, one in Divinity, and one in Law. The Committee appointed at last meeting to consider as to the site of the Engineering and Botanical Laboratories, submitted their report. The Secretary also submitted a Survey Plan showing the building line, and a letter from the Law Agents regarding servitudes. Professor Bower and Professor Barr, Mr. Scott, and Mr. Burnet, architects, and Sir Renny Watson and Mr. John Inglis, vice-chairmen of the Engineering Laboratory (Subscribers) Committee, were admitted to the meeting. The architects submitted a sketch plan showing proposed Engineering and Botanical Laboratories on the new site, and it was remitted to a Committee to see plans and estimates prepared for the Engineering Laboratory on the north of the Athletic Field on the line of the University Avenue, and for the Botanical Laboratory on the line of the University Avenue to the east of the Gymnasium.

XV. *FINANCIAL STATEMENT OF THE UNIVERSITY FOR* 1895-96.

INCOME.

I. Teinds, Feu-duties, Ground Annuals, Dividends, and Interest (including Queen Margaret College, £892 7s. 2d.),				£11,504	0	9¼
II. Parliamentary Grant—						
(*a*) Under Universities Act,	£12,180	0	0			
(*b*) Under Education and Local Taxation Act,	8,700	0	0			
				20,880	0	0
III. Special Endowments—						
(*a*) Chairs,	£1,766	1	5			
(*b*) Lectureships,	838	8	1			
(*c*) Demonstratorships, etc.,	483	12	0			
				3,088	1	6
IV. Class Fees—						
(*a*) Constituting the Fee Fund (including Queen Margaret College, £1,942 10s. 0d.),	£15,216	12	0			
(*b*) Other Classes,	926	10	3			
				16,143	2	3
V. Other Fees—						
(*a*) Matriculation (including Queen Margaret College, £249 18s. 0d.),	£1,863	16	6			
(*b*) Examination and Graduation (including Queen Margaret College, £429 9s. 0d.),	3,666	0	6			
(*c*) Registration (including Queen Margaret College, £6),	179	0	0			
(*d*) Recognition—towards Expenses of Inspection,	21	0	0			
				5,729	17	0
Carry forward,				£57,345	1	6¼

Brought forward,				£57,345	1	6¾
VI. Library—						
(*a*) Subscriptions,	£50	18	6			
(*b*) Revenue of Legacy Funds,	48	0	0			
(*c*) Students' Catalogue,	3	12	0			
(*d*) Instalment of Sir Michael Connal's Legacy,	112	10	0			
(*e*) Donation by Dr. Thomas Reid,	70	0	0			
				285	0	6
VII. Grants from the Bellahouston Trust for two years—						
(*a*) Library,	£200	0	0			
(*b*) Hunterian Museum,	200	0	0			
(*c*) Natural Philosophy,	200	0	0			
(*d*) Chemistry,	200	0	0			
(*e*) Astronomy,	100	0	0			
				900	0	0
				£58,530	2	0¾

EXPENDITURE.

I. University Court and Senate—						
(*a*) Secretary of University Court (including outlays, £60 0s. 8d.),	£260	0	8			
(*b*) Clerk of Senate,	157	10	0			
(*c*) Assistants to Clerk of Senate (including incidental expenses, £98 10s. 0d.),	583	10	0			
				£1,001	0	8
II. General Council—						
(*a*) Registration,	£93	9	3			
(*b*) Clerk,	50	0	0			
(*c*) Printing and Outlays, per Clerk,	161	5	10			
				304	15	1
III. Business—						
(*a*) Factors (including outlays, £65 4s. 1d.),	£689	2	1			
(*b*) Auditors,	21	0	0			
(*c*) Law Agents,	63	5	9			
				773	7	10
IV. Ministers' Stipends,				1,459	2	0
V. Pension Fund,				4,000	0	0
VI. Salaries—						
(*a*) Principal,	£1,100	0	0			
(*b*) Professors under Ordinance No. 25,	23,977	13	3			
(*c*) Other Professors,	2,179	1	10			
(*d*) Lecturers (including £1,500 at Queen Margaret College),	4,814	0	6			
(*e*) Assistants and Demonstrators (including £875 at Queen Margaret College),	5,677	9	2			
(*f*) Examiners (including expenses, £208 14s. 8d.),	1,224	8	2			
(*g*) Reports on Applications for Recognition,	21	0	0			
				38,993	12	11
Carry forward,				£46,531	18	6

	Brought forward,		£46,531 18 6
VII.	Library,		2,011 0 0
VIII.	Museum,		612 6 2
IX.	Observatory,		389 5 0
X.	Gilmorehill Buildings—		
	(*a*) Repairs,	£1,105 7 0	
	(*b*) Lighting,	266 4 7	
	(*c*) Heating and Ventilating,	615 4 2	
	(*d*) Water,	116 11 8	
			2,103 7 5
XI.	Insurance,		247 10 0
XII.	Service, Cleaning, and Upkeep of Grounds,		1,399 12 5
XIII.	Class Expenses, Apparatus, etc.—		
	(*a*) Prizes and Medals,	£195 4 1	
	(*b*) Lantern Slides,	120 5 10	
	(*c*) Apparatus for Laboratories, etc.,	238 4 0	
	(*d*) Class Expenses,	1,354 10 8	
			1,908 4 7
XIV.	Printing, Stationery, and Advertising,		797 16 6
XV.	Chapel,		86 0 4½
XVI.	Bursaries,		121 2 3
XVII.	Jubilee of Lord Kelvin as a Professor,		532 17 5
XVIII.	Public Burdens, Taxes, etc. (including £21 to Glasgow Police),		685 2 7¼
XIX.	Taxes, Repairs, Lighting, Heating, Service, etc., at Queen Margaret College,		825 3 5
XX.	Students' Representative Council,		20 0 0
XXI.	Miscellaneous,		80 8 4
			£58,351 14 11¾
	Surplus for 1895-96,		178 7 1
			£58,530 2 0¾

PARTICULARS OF SUMS DEVOTED TO THE MAINTENANCE OF THE TEACHING STAFF AND OF EXAMINERS.

FACULTY OF ARTS.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Humanity,	£1,430 0 0	£104 10 9	£484 0 5	£2,018 11 2
Greek,	1,350 0 0	94 6 0	447 0 2	1,891 6 2
English,	900 0 0	200 0 0	100 0 0	1,200 0 0
French,	...	300 0 0	...	300 0 0
German,	...	100 0 0	...	100 0 0
Logic,	800 0 0	...	200 0 0	1,000 0 0
Moral Philosophy,	800 0 0	...	200 0 0	1,000 0 0
Political Economy,	...	200 0 0	...	200 0 0
Education,	...	200 0 0	...	200 0 0
Mathematics,	1,440 0 0	91 3 0	554 9 10	2,085 12 10
Natural Philosophy,	1,252 0 0	147 5 0	385 0 0	1,784 5 0
History,	900 0 0	...	...	900 0 0
	£8,872 0 0	£1,437 4 9	£2,370 10 5	£12,679 15 2

FACULTY OF SCIENCE.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Astronomy,	£600 0 0	...	...	£600 0 0
Civil Engineering,	900 0 0	...	£297 0 0	1,197 0 0
Naval Architecture,	800 0 0	...	100 0 0	900 0 0
Geology,	...	£200 0 0	94 13 4	294 13 4
	£2,300 0 0	£200 0 0	£491 13 4	£2,991 13 4

FACULTY OF MEDICINE.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Botany,	£830 0 0	...	£225 0 0	£1,055 0 0
Natural History,	806 0 0	...	275 0 0	1,081 0 0
Physics,	...	£300 0 0	...	300 0 0
Chemistry,	1,300 0 0	150 0 0	431 5 3	1,881 5 3
Anatomy,	1,645 0 0	400 0 0	520 0 0	2,565 0 0
Physiology,	1,100 0 0	...	306 18 8	1,406 18 8
Materia Medica,	780 0 0	150 0 0	104 4 0	1,034 4 0
Pathology,	1,100 0 0	150 0 0	190 0 0	1,440 0 0
Medical Jurisprudence,	600 0 0	...	100 0 0	700 0 0
Surgery,	800 0 0	100 0 0	180 0 0	1,080 0 0
Clinical Surgery,	320 0 0	...	50 0 0	370 0 0
Practice of Medicine,	800 0 0	100 0 0	150 0 0	1,050 0 0
Clinical Medicine,	432 0 0	...	50 0 0	482 0 0
Midwifery,	700 0 0	...	100 0 0	800 0 0
Insanity,	...	100 0 0	...	100 0 0
Diseases of the Eye,	...	175 0 0	..	175 0 0
Diseases of the Ear,	...	52 10 0	...	52 10 0
Diseases of the Throat,	...	52 10 0	...	52 10 0
	£11,213 0 0	£1,730 0 0	£2,682 7 11	£15,625 7 11

FACULTY OF LAW.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Scots Law,	£800 0 0	...	...	£800 0 0
Conveyancing,	600 0 0	...	...	600 0 0
Jurisprudence, Public International Law, International Private Law,	...	£300 0 0	...	300 0 0
Constitutional Law and History,	...	200 0 0	...	200 0 0
Civil Law,	...	200 0 0	...	200 0 0
Mercantile Law,	...	200 0 0	...	200 0 0
	£1,400 0 0	£900 0 0	...	£2,300 0 0

FACULTY OF THEOLOGY.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Divinity,	£565 16 4	...	...	£565 16 4
Hebrew and Semitic Languages,	700 0 0	...	£132 17 6	832 17 6
Church History,	456 10 2	...	...	456 10 2
Biblical Criticism,	649 8 7	...	...	649 8 7
Natural Theology,	...	£546 15 9	...	546 15 9
	£2,371 15 1	£546 15 9	£132 17 6	£3,051 8 4

SUMMARY.

	Professors.	Lecturers.	Assistants or Demonstrators.	Total.
Faculty of Arts,	£8,872 0 0	£1,437 4 9	£2,370 10 5	£12,679 15 2
Faculty of Science,	2,300 0 0	200 0 0	491 13 4	2,991 13 4
Faculty of Medicine,	11,213 0 0	1,730 0 0	2,682 7 11	15,625 7 11
Faculty of Law,	1,400 0 0	900 0 0	..	2,300 0 0
Faculty of Theology,	2,371 15 1	546 15 9	132 17 6	3,051 8 4
	£26,156 15 1	£4,814 0 6	£5,677 9 2	£36,648 4 9

EXAMINERS FOR DEGREES, ETC.

I. Preliminary Examinations—		
(*a*) Seven Examiners,	£97 2 0	
(*b*) Four Members of Joint Board,	84 0 0	
		£181 2 0
II. Degree Examinations—		
(*a*) Nine Examiners in Arts,	£261 13 0	
(*b*) Fifteen Examiners in Medicine,	509 18 6	
(*c*) Three Examiners in Law,	63 0 0	
		834 11 6
III. Expenses—		
(*a*) Preliminary Examiners,	£34 2 1	
(*b*) Joint Board,	108 10 7	
(*c*) Superintendence, etc.,	66 2 0	
		208 14 8
		£1,224 8 2

CLASS FEES.

I. Faculty of Arts—						
Humanity,	£916	13	0			
Greek,	743	8	0			
English,	707	14	0			
French,	96	12	0			
German,	26	5	0			
Hebrew,	213	3	0			
Logic,	412	13	0			
Moral Philosophy,	472	10	0			
Political Economy,	44	2	0			
Education,	214	4	0			
Mathematics,	763	7	0			
Natural Philosophy,	383	5	0			
Astronomy,	2	2	0			
Chemistry,	87	3	0			
Botany,	69	6	0			
Zoology,	19	19	0			
Geology,	6	6	0			
History,	182	14	0			
Constitutional Law,	4	4	0			
Roman Law,	29	8	0			
Public Law,	3	3	0			
				£5,398	1	0
II. Faculty of Science—						
Astronomy,	£21	0	0			
Engineering,	309	15	0			
Naval Architecture,	154	7	0			
Geology,	28	7	0			
Mathematics,	200	11	0			
Natural Philosophy,	241	10	0			
Chemistry,	249	18	0			
Botany,	40	19	0			
Zoology,	23	2	0			
Physiology,	12	12	0			
Anatomy,	6	6	0			
				1,288	7	0
III. Faculty of Medicine—						
Botany,	£662	11	0			
Zoology,	679	7	0			
Physics,	394	16	0			
Chemistry,	917	14	0			
Anatomy (including Embryology),	1,374	9	0			
Physiology,	585	18	0			
Materia Medica,	637	7	0			
Pathology,	665	14	0			
Forensic Medicine,	355	19	0			
Surgery,	422	2	0			
Clinical Surgery,	93	10	0			
Practice of Medicine,	226	16	0			
Clinical Medicine,	188	16	9			
Midwifery,	452	11	0			
Insanity,	159	12	0			
Eye,	75	12	0			
Ear,	38	17	0			
Throat and Nose,	8	8	0			
				7,939	19	9
Carry forward,				£14,626	7	9

Brought forward,		£14,626 7 9
IV. Faculty of Law—		
Law,	£375 18 0	
Conveyancing,	256 4 0	
Constitutional Law and History,	25 4 0	
Civil Law,	77 14 0	
Jurisprudence,	9 9 0	
Public International Law,	25 4 0	
International Private Law,	31 10 0	
Political Economy,	11 11 0	
Forensic Medicine,	40 19 0	
Mercantile Law,	27 6 0	
		880 19 0
V. Faculty of Theology—		
Divinity,	£179 11 0	
Church History,	119 14 0	
Biblical Criticism,	116 11 0	
Hebrew (see under Faculty of Arts),	...	
		415 16 0
VI. Summer Tutorial Classes,		228 7 6
		£16,151 10 3
Deduct Fees returned,		8 8 0
		£16,143 2 3

APPENDIX—I.

LIST OF MEMBERS

INCLUDED IN

THE REGISTER

OF

THE GENERAL COUNCIL

FOR THE YEAR COMMENCING 1st JANUARY, 1897,

WITH ABBREVIATED ADDRESSES, ETC.

N.B.—So far as information has been available down to the time of publishing the Calendar, addresses, etc., have been corrected, and names of deceased Members removed. Members are requested to intimate to the Registrar any change of designation (*i.e.*, profession or calling), or of permanent address. Representatives of deceased Members are also requested to make intimation, in order that the names of such Members may be removed.

Abbott, John C., M.B.,C.M., 18 Rothesay gardens, Partick
Abdurahman, Abdullah, M.B., C.M., Cape Town, S. Africa
Abercrombie, Peter H., M.D., C.M., 10 Coburg place, London, W.
Abercrombie, Ralph, M.A., minister, Goole
Acworth, Wm., M.A., min., South Stoke Rectory, near Bath
Adam, Alex., M.B., C.M., Glasgow
Adam, Basil J., M.B., C.M., Beaufort, Victoria
Adam, David S., B.D., minister, F.C. Manse, Kelso
Adam, Hector M., B.D., min., 20 Hamilton pl., Aberdeen
Adam, Jas., M.A., tch., 142 St. George's rd., Glas.
Adam, James, M.A., M.B., C.M., Hamilton
Adam, James, M.B., C.M., 60 Causeyside, Paisley
Adam, James, M.A., stud., Castlehead, Paisley
Adam, James A., M.A., U.P. minister, Ellon
Adam, John, M.B., C.M., 2 N. Smithhills, Paisley
Adam, John, M.B., C.M., 1 Caroline st., Forres
Adam, John E., M.B., C.M., Broad street, Denny
Adam, John W., M.B., C.M., Stepps rd., nr. Glas.
Adam, Matt. A., B.Sc., eng., 18 Southampton bldgs., London
Adam, Peter, B.D., min., Alford, Aberdeen
Adam, Robert H., M.A., M.D., C.M., Paisley
Adam, Thomas, M.A., minister, Cumbernauld
Adam, Thomas, M.A., stud., Westgrove, Kilnhurst
Adam, Thos. B., M.D., C.M., 37 Church st., Brechin
Adam, William, M.A., tch., 235 Bath st., Glasgow
Adam, Wm. J., M.B., C.M., 3 Marchmont tr., Hillh'd
Adam, William T., M.B., C.M., Workington
Adams, Jas. A., M.D., C.M., 5 Woodside cr., Glas.
Adams, John, M.A., B.Sc., teacher, F.C. Training Coll., Aberdeen
Adams, John, B.D., min., Inverkeillor, Arbroath
Adams, John, M.B., C.M., 1 Queen's cr., Glasgow
Adams, John E., B.D., min., F.C., Dreghorn
Adams, Wm S., M.D., C.M., 36 Belmont rd., Jersey
Adamson, Jas., M.D., Hetton-le-Hole, Fencehouses
Adamson, James, M.A., minister, Maree, N.S.W.
Adamson, John G., M.D., Lurgan, Armagh
Adamson, Robert, LL.D., Prof., Univ., Glasgow
Adamson, Wm. F., M.A., minister, Galashiels
Addie, John, M.A., min., Wilson Church, Perth
Affleck, John, M.A., D.Sc., Inspector of Chemical Works, Woolton
Agnew, Alex. P., M.B., C.M., Burnley, Lancs.
Agnew, Jas. F., M.B., C.M., 59 Powlett st., Melb.
Agnew, James M., minister, Longhope, Orkney
Agnew, Rbt. R., M.A., tch., 11 Hopetoun pl., Glas.
Aiken, Jas., M.A., stud., 29 Rose st., Cowdenbeath
Aiken, James, M.A., writer, Dalmoak
Aiken, John B., M.A., writer, Dalmoak
Aikman, Chas. B., writer, 208 W. George st., Glas.
Aikman, Chas. M., M.A., D.Sc., chemist, Stirling
Aikman, John, M.D., C.M., Queen's rd., Guernsey
Aikman, Matt., M.A., stud., 39 Cecil st., Hillhead
Ainslie, Jas. L., M.A., stud., 20 Kelso rd., Leeds
Ainsworth, Wm. T., M.B., C.M., 91 King st., Crieff
Aird, Alex. W., M.B., C.M., Newmilns
Aird, Robert, M.A., tch., Tarbert, Loch Fyne
Aitken, David, M.A., tch., Academy, Motherwell
Aitken, Geo. J., M.A., tch., 2 Cluny villas, J'danhill
Aitken, George R., M.A., min., O.S. Manse, Kirkintilloch
Aitken, James, M.A., minister Valparaiso
Aitken, Jas., M.B., C.M., 15 Dalton sq., Lancaster
Aitken, Jas., M.B., C.M., 12 Dalhousie st., Glas.
Aitken, Jas. A., M.B., C.M., 29 S. Cumberland st., Glasgow
Aitken, Jas. R., M.A., minister, Olney, Bucks.
Aitken, John, M.D., C.M., Buckhaven
Aitken, John R., M.A., stu., 2 Woodlands ter., Glasgow
Aitken, Patrick H., B.Sc., B.D., min., E. Dulwich road, London
Aitken, Robert, B.L., writer, Mound pl., Edinb'gh
Aitken, Robt. E., C.A., 66 St. Vincent st., Glasgow

Aitken, Robert Y., M.B., C.M., Carsehead, Dalry, Ayrshire
Aitken, Thomas M., B.Sc., engr., Netherlea, Pollokshields
Aitken, Wm. B., M.B., C.M., Carsehead, Dalry
Aitkenhead, Robert, M.B., C.M., High Blantyre
Aiton, Thomas, B.A., min., Livingston, Midcalder
Aiton, Wm., B.L., law agt., 115 St. Vincent st., Glas.
Alexander, Andrew, M.A., surgeon, 10 New Broad street, London
Alexander, Arch., M.A., min., Spittal, Berwick
Alexander, Arch. B. D., M.A., min., Langbank
Alexander, Archibald S., M.D., C.M., 6 Sussex terrace, Plymouth
Alexander, Charles A., M.B., C.M., Denny
Alexander, David R., B.D., prob., Clarkfield, Partick
Alexander, Gilchrist G., M.A., barr., 2 Plowden buildings., Temple, London, E.C.
Alexander, James, M.D., C.M., Waterside house, Fenwick
Alexander, John, M.A., min., Sandbank pl., Partick
Alexander, John, M.A., minister, Pitcairn, Perth
Alexander, John B., M.A., min., Hawaiian Islands
Alexander, Robert, minister, Dunfermline
Alexander, Robt., M.A., tch., 3 Gt. Geo. st., Hillhead
Alexander, Samuel, M.D., C.M., Larkhall
Alexander, Sam. P., M.D., C.M., Kent rd., Southsea
Alexander, Walter, M.A., minister, Millerston
Alexander, William H. M., M.B., C.M., Dunvaira, Bargeddie
Alexander, William, M.D., C.M., Dundonald
Alexander, William, M.B., C.M., 10 Portland ter., Kilmarnock
Alexander, William M., B.Sc., B.D., M.D., C.M., F.C. Mission, Bombay
Alison, Sir A., Bart., K.C.B., LL.D., lieut.-gen., 93 Eaton place, London
Alison, Archibald, minister, Prestwick
Alison, Arthur, advocate, 3 Moray pl., Edinburgh
Alison, George, minister, Kilbarchan
Alison, John, M.A., D.D., min., Newington, Edinb'h
Alison, Samuel S., M.A., min., Parkgate, Belfast
Allan, Arthur, M.A., student, Manse, Fairlie
Allan, Arthur W., B.L., writer, Muirfield, Pollokshields
Allan, Chas., M.A., min., E. Bank U.P. Manse, Hawick
Allan, Geo. F., LL.B., writ., 6 Loudon ter., Hillhead
Allan, Henry, M.A., shipowner, 2 Park gns., Glas.
Allan, Jas., M.A., tch., 172 Perth road, Dundee
Allan, James Paul, M.D., Renfrew
Allan, James W., M.B., C.M., 18 India st., Glasgow
Allan, John, M.D., C.M., Klerksdorp, Transvaal
Allan, John, M.A., surveyor of taxes, Hamilton
Allan, Robert, M.D., C.M., 6 Arran pl., Ardrossan
Allan, Wm., M.B., C.M., Langlands house, Govan
Allan, William, M.A., stud., 327 Duke st., Glasgow
Allan, Wm., M.B., C.M., Glenfield, Dumbarton
Allan, Wm., B.Sc., C.E., Elderslie ho., Strathaven
Allan, Wm., M.B., C.M., Cramlington, Northumberland
Allan, Wm. C., M.B., C.M., Klerksdorp, Transvaal
Allan, William C., M.A., min., Par. Ch., Bradford
Allardice, Wm. C., M.D., C.M., N.S. Infirm., Stoke-on-Trent
Allardyce, John M., M.A., missionary, Pekin
Allen, Robt. H., M.B., C.M., 10 Berlin ter., P'shields
Allen, Wm., M.B., C.M., 4 Castelnan gds., Lond.
Allen, William B., M.B., 104 Peel ter., Glasgow
Allen, William E. L., M.B., C.M., Hawkshead, Ambleside
Allison, Alexander, M.D., Loanhead, Midlothian
Allison, James, min., 308 Main st., Alexandria
Allison, John D., LL.B., writer., Cartvale, Paisley
Almond, Hely H., LL.D., teacher, N.Esk Lodge, Musselburgh
Alpine, George, B.D., minister, Dumbarton
Alston, Andrew, minister, Carluke
Alston, And., LL.B., law clerk, U.P. Manse, Carluke
Alston, James M., M.D., Airdrie
Anderson, Alex., M.A., min. Scotch Church, Carlisle
Anderson, Alexander R., M.A., tch., 16 Warrender park crescent, Edinburgh
Anderson, Arch., M.A., stu., Post Office, Dalmally
Anderson, Arthur R., M.B., C.M., 2 Wood street, Partick
Anderson, David, minister, Ceres, Fife
Anderson; David M., B.L., solic., 27 Bank street, Dundee
Anderson, Francis, M.A., professor, Sydney
Anderson, Geo., B.D., min., 264 Renfrew st., Glas.
Anderson, Harry C., M.B., C.M., 17 Octavia cot., Greenock
Anderson, Henry, minister, Partick
Anderson, Hugh S., M.A., student, 34 Burnbank gardens, Glasgow
Anderson, Jas., M.A., tch., Cummertrees, Annan
Anderson, Jas., M.B., Poulton-le-Fylde, Lancashire
Anderson, James F., M.A., writer, 137 St. Vincent street, Glasgow
Anderson, Jas. H., manuf., St. John's Wood, Lond.
Anderson, James R., M.D., Eskbank, Canonbie
Anderson, James Wallace, M.D., C.M., 23 Woodside place, Glasgow
Anderson, John, B.D., min., 12 Marchmont cr., Edinburgh
Anderson, John, B.D., min., 72 Montgomery st., Kelvinside
Anderson, John, M.D., 1 New Cross rd., Lond., S.E.
Anderson, John, M.B., C.M., 5 Stanley st., Glasgow
Anderson, John, M.B., C.M., 8 Whitehill st., Glas.
Anderson, John, M.A., M.B., C.M., 6 Whitehill gardens, Glasgow
Anderson, John, M.A., prob., 1 Alford pl., Aberd.
Anderson, John A., M.D., C.M., Stranraer
Anderson, John B. M., M.A., M.B., C.M., 42 Lansdowne crescent, Glasgow
Anderson, John G., M.B., C.M., Silksworth, Sunderland
Anderson, John J. S., M.B., C.M., Early Braes, Shettleston
Anderson, Jn. L., M.B., C.M., 183 Renfrew st., Glas.
Anderson, John W., M.A., M.B., Barrow-in-Furness
Anderson, Jonathan, writer, 140 Hope st., Glasgow
Anderson, Matthew S., M.A., M.D., C.M., Glengarnock, Kilbirnie
Anderson, Robert, M.D., C.M., 2 Oxford place, Shettleston
Anderson, Robert, minister, Kilsyth
Anderson, Robt. C., M.A., min., Greengairs, Airdrie
Anderson, Robert H., manufacturer, St. John's Wood, London
Anderson, Robert S. G., B.D., prob., Ontario
Anderson, Sam., B.Sc., M.B., C.M., 1 Whitehill ter., Glasgow

Anderson, Thos. A., writer, 170 Hope st., Glasgow
Anderson, Thomas A. H., M.A., B.L., writer, 14 Eton place, Glasgow
Anderson, Thomas M'Call, M.D., professor, 2 Woodside terrace, Glasgow
Anderson, Thomas P., M.B., C.M., 17 Hamilton terrace, Partick
Anderson, Thomas R., M.A., student, 12 Brighton place, Govan
Anderson, William, LL.B., writer, 8 Westbourne gardens, Glasgow
Anderson, William, minister, Fettercairn
Anderson, Wm., J.P., 2 Strathearn pl., Edinburgh
Anderson, William, minister, Boyndie, Banff
Anderson, William, minister, Cults
Anderson, William, M.B., C.M., 12 Sandwell mansions, London, N.W.
Anderson, William C., M.A., B.Sc., University assistant, Mavisbank, Partickhill
Anderson, Wm. H., M.B., C.M., Harleston, Suffolk
Anderson, Wm. S., M.D., C.M., Chapel-en-le-Frith
Andrew, Alexr., M.B., C.M., Barrow-on-Humber
Andrew, Alex., M.A., tch., 131 George st., Paisley
Andrew, Alexr., min., 5 Clarendon pl., Stirling
Andrew, Jas. G., M.B., C.M., 13 Walmer cres., Glas.
Andrew, Robert, M.A., minister, Walls, Lerwick
Andrew, Robert, B.D., minister, Glengarnock
Andrew, Wm. S., M.A., tch. Carriden Sch., Bo'ness
Angus, Robert, missionary, Chryston
Angus, Thos., M.B., C.M., 8 Bentinck st., Galston
Annan, Archibald J., B.L., writer, 112 W. Regent street, Glasgow
Appleton, Henry, M.D., C.M., 22 Lower Seymour street, London, W.
Arbuckle, John H., M.D., C.M., Kilmarnock
Armour, Matthew, minister, Sanday, Orkney
Armstrong, Geo. C., M.D., Blackrock, Dublin
Armstrong, Hugh, B.D., prob., 8 London road, Glasgow
Armstrong, Thos., M.B., C.M., 5 Kelvinside ter., N., Glasgow
Armstrong, Wm. A. A., M.A., minister, 74 South Street, Reading
Armstrong, Wm. B., M.B., C.M., Burnbrae, R'glen
Arnot, Thomas, writer, 9 W. Regent st., Glasgow
Arnott, Hugh Y., B.D., min., Newburgh, Fife
Arnott, James, M.D., C.M., surgeon-major, 45 Pall Mall, London
Arnott, John, M.A., minister, Dailly.
Arrol, Charles, M.D., C.M., Bankstown, Sheerness
Arthur, Adam Niven, teacher, Dunoon
Arthur, David, min., Springbank ter., Aberdeen
Arthur, David, M.D., C.M., Greenhead house, New Galloway
Arthur, Hugh, M.D., C.M., Fruitfield, Airdrie
Arthur, James, M.A., teacher, Largs
Arthur, John Findlay, M.D., C.S.I., New Cumnock
Arthur, Wm., M.D., C.M., Mirfield, Yorkshire
Ashcroft, Fra., M.A., missionary, 20 Westbourne terrace, Kelvinside
Ashurst, Fred., M.B., C.M., 43 Market st., Blackpool
Aspin, And. H., M.A., clerk, 7 Hillend gns., Partick
Atkinson, John P., M.D., Saffron Walden, Essex
Auld, Alex. G., M.D., C.M., 31 Manchester st., Lond.
Auld, Archibald, M.B., C.M., Snaith, Yorks
Auld, Charles, M.D., C.M., Kilwinning
Auld, Wm., B.D., minister, Carnock, Dunfermline
Auld, Wm., M.B., C.M., Lewins, Wimborne, Dorset
Austin, Richard, M.D., 5 Cullenswood terrace, Ranelagh, Dublin

Babes, Charles J., M.B., C.M., 305 Hedon rd., Hull
Babtie, Wm., M.B., Strathleven pl., Dumbarton
Badenoch, George Roy, LL.D., minister, 45 Powis sq., London, W.
Bailey, William E., M.B., C.M., Throstle grove, Stockport
Baillie, David, M.A., minister, Beith
Bain, Alexander, B.Sc., C.E., 102 So. Portland st., Glasgow
Bain, Archibald W., M.A., teacher, Smyrna
Bain, Geo., M.A., tch., 651 Dalmarnock rd., Glas.
Bain, Jas. A., M.A., stud., 55 Cumberland st. W., Glasgow
Bain, James G., M.B., C.M., Arnwood, Southsea
Bain, John, M.B., C.M., Burnside, Boarhills
Bain, Jos., Record ed'r, 3 Heathfield, Lond., S.W.
Bain, Robert, M.A., tch., 11 Carnarvon st., Glas.
Bain, Richard W. K., M.A., adv., 72 Hamilton pl., Aberdeen
Bainbrigge, Wm. P. Y., M.B., C.M., 9 Hanover ter., Ladbroke sq., London
Baird, And., B.D., minister, Broughton, Peebles
Baird, David, M.A., tch., Spier's school, Beith
Baird, Hugh, minister, Cumbernauld
Baird, John, B.D., minister, Helensburgh
Baird, John, M.B., C.M., 5 Athole gns., Hillhead
Baird, John, M.B., C.M., Bonnybridge
Baird, Robert, writer, Middle Temple, London
Baird, Sam. J., M.B., C.M., Eglinton, Londonderry
Baird, Wm. Jas., M.D., 14 College ter., Brighton
Baird, Wm. S., M.B., C.M., 108 W. Regent st., Glasgow
Balderston, James C., minister, West Kilbride
Balfour, Arthur J., LL.D., M.P., 4 Carlton gardens, London
Balfour, David D., sheriff-substitute, Glasgow
Ballantine, James, M.D., Catrine
Ballantyne, James T., M.B., C.M., Over Darwen, Lancashire
Ballantyne, William, min., Church road, Canonbury, London
Ballardie, Sam. W., M.A., tch., 1036 Pollokshaws road, Shawlands
Balloch, Robt., mercht., Dowanhill gns., Glasgow
Bamber, Henry, M.B., C.M., 28 Washington ter., N. Shields
Bankhead, Wm. T., M.A., min., Airliewood, Ibrox
Bankier, Alex. M., M.D., C.M., 46 Waterloo rd. N., Wolverhampton
Bankier, Geo. S. H., M.D., Ashton-under-Lyne
Bankier, Pat. M., M.A., bar., Hamilton, Ontario
Banks, Alex., M.A., min., Braehead, Carnwath
Banks, Charles, M.D., C.M., Ind. Med. Dep., Bengal
Banks, John, M.B., C.M., George terrace, Dunoon
Banks, Robt. M., M.B., C.M., Rosemount, Lanark
Bannatyne, Alex., M.A., minister, Lochgilphead
Bannatyne, And. S., M.A., clergyman, St. Ann's, Nottingham
Bannatyne, Chas., M.B., C.M., Southend, Argyll.
Bannatyne, Dug. J., Patontown, New Jersey
Bannatyne, Gilbert A., M.D., C.M., 21 Circus, Bath
Bannatyne, John, minister, Takata, N.Z.
Bannatyne, Mark, writ., 145 W. George st., Glasgow
Bannerman, Charles, M.A., corn factor, Langside cottage, Langside

Bannerman, George G., M.B., C.M., 10 Oliver cr., Hawick
Barber, Wm., M.A., of Tererran, Moniaive
Barbour, Jas. M., M.B., C.M., 18 Nevern rd., London
Barbour, W., M.B., C.M., 32 Hayburn cres., Partick
Barclay, James, LL.B., attorney, Brooklyn, N.Y.
Barclay, James, M.A., D.D., minister, Montreal
Barclay, John, M.A., D.D., minister, Toronto
Barclay, Robt. D., B.Sc., eng., 10 Albyn pl., Edin.
Barclay, Robt. F., LL.B., writ., 21 Park ter., Glas.
Barclay, Thomas, M.A., min., 36 Windsor terrace, Glasgow
Barclay, Thos., M.A., adv., 1 Ainslie pl., Edinb'h
Bardwell, Foster H., M.A., min., Rose st., Edin.
Barker, Alex. E., LL.B., barrister, 1 Hare court, Temple, London
Barker, Francis J., M.A., M.B., C.M., 1 Bowmont terrace, Glasgow
Barker, Henry M., LL.D., tch., Cleveland cott., Banchory
Barlas, Alex. R., M.A., Loc. Gov. Board, Dublin
Barr, Arch., D.Sc., C.E., prof., Univ., Glasgow
Barr, Henry, B.L., writer, 45 W. George st., Glas.
Barr, James, preacher, 6 Clarendon st., Glasgow
Barr, James, M.B., C.M., Hagg cres., Johnstone
Barr, James, M.D., 72 Rodney st., Liverpool
Barr, James, B.D., min., 2 Whitehill gds., Glas.
Barr, James B., M.B., C.M., 63 Princes street, Port-Glasgow
Barr, James K., M.A., tch., Park ho., Kincardine-on-Forth
Barr, John, surgeon, Rishton, Blackburn
Barr, John F., B.Sc., M.B., C.M., Coldstream ho., Pollokshields
Barr, Patrick, B.L., writer, 51 Bath st., Glasgow
Barr, Robert, M.A., minister, Manse, Neilston
Barr, Robert B., M.B., C.M., Burnbank house, Carluke
Barr, Thos., M.D., C.M., 13 Woodside pl., Glasgow
Barras, Thos. C., M.B., C.M., 5 Seton ter., Glasgow
Barras, William G., M.D., C.M., Westbourne, Bellahouston
Barrie, David R., M.B., C.M., Longframlington, Morpeth
Barrie, Thomas T., B.L., law clerk, Wellbrae, Strathaven
Barrie, Wm. R., min., Longframlington, Morpeth
Barrowman, James S., M.A., prob., 20 Bank st., Hillhead
Barrowman, Thomas, M.B., C.M., Johnstone
Barry, John C., M.A., clergyman, Free North Manse, Dumbarton
Bartholomew, John, LL.B., advocate, Torrance of Campsie
Bater, Claude H., M.A., Inl. Rev., Ashwell, Herts
Bathgate, William, M.A., H.M.I.S., 13 Westbourne gardens, Glasgow
Bauchop, James, M.B., C.M., 131 Annfield street, Dennistoun
Bauchop, Jeffrey D., M.A., law cl., 131 Annfield st., Glasgow
Baxter, John C., D.D., minister, Kirkcaldy
Baxter, Mal. M., M.A., prob., 8 Mansfield pl., Glas.
Baxter, Thos., M.B., C.M., 31 Apsley pl., Glasgow
Bayne, Alexander, minister, Tingwall, Shetland
Bayne, David, B.D., minister, Muiravonside
Bayne, John, M.A., Agricultural College, Canterbury, N.Z.
Bayne, Thos. W., M.B., C.M., Larchfield, Helensburgh
Baynes, Joseph, M.B., C.M., 1 Laurel Bank, Manchester
Beale, Arthur A., M.B., C.M., 181 Southampton street, London
Beard, Chas. B., M.A., cur., Castlehill ho., Dundee
Beatson, David, M.B., C.M., 72 Napiershall street, Glasgow
Beatson, John F., M.D., surg.-gen., 205 Cromwell Mansions, London
Beattie, Mat., M.B., C.M., Maryholm, Maxwelltown
Beattie, Robert M., M.B., C.M., Inveraray
Beck, E., M.B., C.M., Ravenstonedale, W'moreland
Becker, Ludwig, Ph.D., Prof., Observ., Glasgow
Beckett, Charles E., LL.B., writer, 163 St. Vincent street, Glasgow
Beckett, John, M.D., C.M., 3 Brougham terrace, Crosshill
Beckett, William, M.A., writ., 225 W. George st., Glasgow
Begg, Bruce B., M.A., D.D., minister, Abbotshall, Kirkcaldy
Begg, Robert, M.A., student, 214 Cumberland st., Glasgow
Beith, Robert, M.B., C.M., Western Inf., Glasgow
Bell, And. B., ch. of Prison Com., 2 Eglinton cr., Edinburgh
Bell, Andrew L., M.D., C.M., Canmore street, Dunfermline
Bell, Charles W., M.B., C.M., Royal Inf., Glasgow
Bell, Henry W., M.A., minister, Free High Ch. Aberdeen
Bell, Sir James, Bart., shipowner, 7 Marlborough terrace, Glasgow, W.
Bell, George T., student, Woodburn ho., Kirn
Bell, Robert, M.D., 20 Lynedoch st., Glasgow
Bell, Robt. G., M.B., C.M., St. Bede's ho., Sunderland
Bell, Thomas, minister, 10 Wardie av., Edinburgh
Bell, Thos., M.B., C.M., 111 Finlay dr., Glasgow
Bell, Thos. K., M.B., C.M., Coatbridge
Bell, Wm. G., M.A., stud., Hillend ho., Greenock
Bell, Wm. H., M.A., B.Sc., tch., 1 George street, Blairgowrie
Bennett, Alex. J. M., M.A., writer, Dunoon
Bennie, James N., LL.D., clergyman, Glenfield, Leicester
Bennie, Robt., M.A., cabinetm'ker, Windsor, Ont.
Beresford, Robt. de la Poer, M.D., Oswestry
Berry, Henry L., M.A., minister, 4 Wellwalk, Hampstead, London
Berry, James, minister, Buchlyvie
Berry, Robt., M.A., LL.D., Sheriff of Lanarkshire, 5 University gns., Glasgow
Berry, Thomas, M.B., C.M., 580 Woolwich road, London, S.E.
Bertram, Thos. D., M.B., C.M., Coonamble, N.S.W.
Bethune, John, min., 154 London st., Glasgow
Beveridge, Hugh R., M.A., stud., 69 Broomland street, Paisley
Beveridge, John, B.D., minister, Merridale, Wolverhampton
Beveridge, John, M.B., C.M., Crookedholm, Kilmarnock
Beveridge, Robert E., M.B., C.M., Crombie, Dunfermline
Biernacki, John T., M.B., C.M., Plaistow Hosp., West Ham

Biggar, John W., M.A., tch., Reading, Polmont
Biggart, Samuel, M.D., C.M., Strath cot., West Hartlepool
Biles, John H., professor, University, Glasgow
Binnie, David D., LL.B., writer, 43 Renfield st., Glasgow
Binnie, Jas. M., M.A., asst. min., 15 John st., Coatbridge
Binnie, Robert M. G., M.D., C.M., Whohing, Surrey
Binnie, Thos., M.A., stu., 3 Park Gate, Glasgow
Binnie, Wm., M.A., stud., 69 So. Bridge st., Airdrie
Binning, Douglas B., M.A., Barrister, Bombay
Birchall, Thos. B., M.B., C.M., 40 S. Bridge rd., Croydon
Birkett, George N. M., M.A., student, Bowness-on-Windermere
Birkmyre, Arch., min., 10 Montgomerie qd., Glas.
Bishop, James C., LL.B., student, Royal Bank, Coatbridge
Bishop, Robt., M.B., C.M., 104 Bradford st., Ancoats, Manchester
Bisset, David, M.A., tch., 47 Elgin ter., Partick
Black, Andrew, min., Crichton Inst., Dumfries
Black, Chris. S., M.D., 8 Royal ter., Belfast
Black, Donald C., M.D., 121 Douglas st., Glasgow
Black, George, M.B., C.M., Luing, Easdale
Black, Hugh, M.A., min., 8 Atholl cres., Edin.
Black, James, M.A., min., Topeka, Kansas
Black, John E., B.D., prob., 11 James pl., B'y Ferry
Black, Malc., M.D., C.M., 5 Canning pl., Glasgow
Black, Robt., M.A., min., Ramsey Vic., Huntingdon
Black, Thos., M.B., C.M., 49 Somerville road, Waterloo, Liverpool
Black, Wm. P. M., B.L., writer, 7 Huntly ter., Glasgow
Blackburn, Hugh, LL.D., ex-professor, Roshven
Blackburn, Thos. L., M.B., C.M., Wingfield, Bothwell
Blackie, Walter G., LL.D., publisher, Glasgow
Blackie, Walter W., B.Sc., publisher, Glasgow
Blacklock, Dun. C. S., M.A., B.L., law cl., 48 Westbourne gardens, Glasgow
Blacklock, Miss Isabella, M.A., teacher, Hallhill, Baillieston
Blackwood, John R., M.A., I.C S., Comillah, India
Blackwood, Thos., M.A., min., Stow, Midlothian
Blaine, Benj., M.B., C.M., Kingwilliamstown
Blair, Alex., M.B., C.M., Ashington, Morpeth
Blair, Alex., M.B., C.M., Tarbert, Harris
Blair, Arch. W., LL.B., bar., 1 Brick Ct., Temple, London
Blair, Chas. P., M.A., min., Wanlochhead, Abington
Blair, David, M.A., M.B., C.M., Oakshaw, Paisley
Blair, David, M.D., Benvan, Glencoe
Blair, George, B.Sc., Engr., 16 Albert rd., E., Crosshill
Blair, James, M.A., music tch., 37 Sidney street, Saltcoats
Blair, John, minister, Straiton, Maybole
Blair, Jno. F., B.D., prob., 9 James pl., Bro'ty Ferry
Blair, Matt C., M.D., C.M., Kings Langley, Herts.
Blair, Robt., M.A., D.D., min., 13 Lynedoch pl., Edinburgh
Blair, Robert, M.D., C.M., Asylum, Lenzie
Blair, Miss Sarah L., M.A., teacher, Schoolhouse, Kilwinning
Blair, William, M.D., Jedburgh
Blake, Buchanan, B.D., minister, Clydebank
Blakely, William T., M.B., C.M., Kirkintilloch
Bland, Matthew H., M.D., C.M., Westgate, Guisbro'
Blelloch, Arch., min, 15 Broughton st., Edinburgh
Blyth, John, B.L., solic'r, 11 Comiston gds., Edinb'h
Blyth, John G., LL.B., barrister, Auckland, N.Z.
Boa, John F., M.B., C.M., Dippin, Kildonan, Arran
Boag, James, M.B., C.M., Cobbinshaw, Lanark
Boag, John S., M.A., B.Sc., teacher, Clydeside pl., Port-Glasgow
Boedeker, Henry A., M.B., C.M., Verden auf Aller, Germany
Bogle, Andrew, minister, Newbattle ter., Edin.
Bogue, John, M.A., minister, Stockton-on-Tees
Bolland, Edward H., M.D., Monkstown, Dublin
Bonar, James, M.A., LL.D., C.S. Examiner, London
Bonar, Thomas M., M.B., C.M., Probus, Cornwall
Bond, John, M.B., C.M., 202 Burlington street, Liverpool
Bond, William J., M.B., C.M., Brill, Bucks
Bonnar, John, M.A., ranchowner, Fowler, California
Borland, David, M.A., min., 48 London st., Edinb'h
Borland, Hy. M., M.B., C.M., 56 Dundas st., Glasgow
Borland, Hugh H., M.B., C.M., 14 Jamieson ter., Newmilns
Borland, John, M.B., C.M., Royal Inf., Glasgow
Borthwick, Jas., M.A., tch., John street school, Bridgeton, Glasgow
Bossy, Francis, M.D., Redhill, Surrey
Bow, James E., M.B., C.M., The Hollies, Larbert
Bower, Fred. O., Sc.D., F.R.S., prof., Univ., Glas.
Bowie, John C., M.B., C.M., Kilbarchan
Bowie, John T., M.B., C.M., Mossbank, Shetland
Bowie, Robt., M.A., stud., 19 Ailsa dr., Langside
Bowie, Thomas, M.B., C.M., 9 Sunnyside ter., Coatbridge
Bowman, Arch., minister, 11 Westercraigs, Glasgow
Boyd, Alex., major, 15 Howard pl., St. Andrews
Boyd, And. K. H., D.D., minister, St. Andrews
Boyd, David R., B.Sc., lecturer, Hartley Inst., Southampton
Boyd, Fran., M.A., Civ. S., 54 Hillier rd., London
Boyd, Herbert C., LL.B., writer, 136 Wellington st., Glasgow
Boyd, James D., M.D., C.M., Sandhurst, Australia
Boyd, James, M.A., principal, Broughton school, Manchester
Boyd, James, writer, 95 Wellington st., Glasgow
Boyd, James, M.A., min., 22 De Grey st., York
Boyd, James, M.B., C.M., Hillhead, Rothesay
Boyd, James C., M.A., minister, Kennoway
Boyd, Jas. P., M.B., C.M., 36 Berkeley ter., Glas.
Boyd, Jas. W., M.B., C.M., Kelton Villa, Barr, by Girvan
Boyd, John, M.A., minister, Bellevue, Skelmorlie
Boyd, John A., M.B., C.M., 40 Sandyford st., Glas.
Boyd, John J., M.B., C.M., Maritzburg, Natal
Boyd, John S., M.A., student, Garnock st., Dalry
Boyd, Robert, B.L., solicitor, Irvine
Boyd, Robert, M.B., C.M., Kelton villa, Barr, Girvan
Boyd, Robert L., M.A., minister, Rutherglen
Boyd, Robt. M., M.A., min., Glenbervie, Fordoun
Boyd, Wm., LL.D., min., Lochbrae, N. Kilpatrick
Boyd, Wm., M.A., stu., 55 High Glencairn street, Kilmarnock
Boyd, Wm. M., M.B., C.M., 25 Main street, Largs
Boyle, John, B.D., minister, Kirkden, Letham
Boyle, Michael A., M.B., C.M., Belmullatt, co. Mayo

Bradford, William A., M.B., C.M., Chippenham
Bradley, Andw. C., M.A., prof., University, Glas.
Bradley, Michael M., M.D., C.M., Jarrow-on-Tyne
Bradshaw, Benjamin W., M.D., Bansha, Tipperary
Braidwood, Gavin, LL.B., writer, 4 Sutherland avenue, Pollokshields
Braidwood, John, M.A., min., 36 Minto st., Edinb.
Brailsford, Henry N., M.A., student, 31 Bank st., Hillhead
Brand, David, Sheriff of Ayr, 13 Royal terrace, Edinburgh
Brand, Mark, B.Sc., C.E., Faulds Park, Baillieston
Brander, Jas. P., M.A., stu., 13 Kelvinside gds., Glasgow
Brash, James, M.D., 39 Abbotsford pl., Glasgow
Bremner, Henry, M.A., D.D., minister, Partick
Bremner, Robert L., M.A., B.L., writer, 7 Berlin terrace, Pollokshields
Brewster, George, M.A., min., Wolfendahl, Ceylon
Briggs, Reuben, M.A., min., Honley, Huddersfield
Brisbane, James, M.D., 16 St. John's Wood road, London
Brisbane, Thomas, minister, Cambuslang
Broadfoot, William, M.B., C.M., 23 Bentinck st., Greenock
Broatch, Robert, M.A., tch., Trailtrow, Ecclefechan
Brock, Walter P., B.D., minister, Forth
Brocklehurst, Geo. H., B.Sc., tch., Lyminge, Kent
Brodie, Dun. H., B.D., min., John Knox Ch., Aber.
Brodie, John E., M.D., C.M., 1 Albany pl., Glasgow
Brodie, Robert, writer, St. Vincent st., Glasgow
Brodie, Thos. S., M.B., C.M., 5 South avenue, Govan
Brodie, Wm., B.L., lw.-cl., 23 Belhaven tr., Kelv'side
Brodie, Wm. B., M.B., C.M., 28 Hamilton Park ter., Glasgow
Broom, Henry, M.B., C.M., 106 Buccleuch street, Glasgow
Broom, John, M.B., C.M., 26 High st., Kirriemuir
Broom, Robt., B.Sc., M.D., C.M., 68 Merchiston av., Edinburgh
Brown, Andrew M., B.D., minister, Kirkintilloch
Brown, And., M.A., tch., 4 W. Princes st., Glasgow
Brown, Angus, minister, Fortrose
Brown, Archibald, M.D., C.M., Mount Florida
Brown, Chas. H., LL.B., adv., 50 George st., Edin.
Brown, Chas. W., B.L., solic., Royal bk., Maybole
Brown, David, min., 10 May ter., Mount Florida
Brown, David, M.A., min., Falcurragh, Donegal
Brown, Duncan, M.A., minister, Lochgelly, Fife
Brown, Duncan F., M.B., C.M., 36 Margaret st., Greenock
Brown, Forbes, M.B., C.M., 6 Brooklyn pl., Govan
Brown, George, minister, Pau, France
Brown, George, M.D., Colchester
Brown, Geo. A., M.B., C.M., 2 Oswald pl., Whiteinch
Brown, Geo. D., M.A., barrister, 11 Cornwall road, London, W.
Brown, Geo. S., B.Sc., tch., 19 Windsor st., Glasgow
Brown, Henry, M.A., min., U.P. Manse, Earlston
Brown, Jas., insp. of Natl. Schools, Tanaghmore
Brown, James, M.A., min., 8 Bute gns., Glasgow
Brown, James, M.A., stu., 3 Madeira st., Leith
Brown, Jas., M.A., writ., 54 Portland pl., Hamilton
Brown, Jas., M.B., C.M., 3 Armadale st., Dennist'n
Brown, Jas. A., M.B., C.M., Ardnith, New Cumnock
Brown, Jas. P., M.A., M.B., C.M., Ardmore, Campbeltown
Brown, James B., minister, Dunfermline
Brown, John, M.A., D.D., Droghead, Aghadowy
Brown, John, minister, 24 Albert drive, Glasgow
Brown, John, M.D., C.M., Galston
Brown, John, M.D., C.M., 163 Calder st., Glasgow
Brown, John, B.Sc., ship'n'r, 11 Somerset pl., Glas.
Brown, John B., LL.B., stu., 33 Hamilton dr., Glas.
Brown, John C., prob., 16 Cleland street, Glasgow
Brown, John F. C., M.B., C.M., Alexandria
Brown, John T., M.B., C.M., Jeppestown, Johannesburg
Brown, John J., minister, Kinclaven
Brown, Johnstone, M.B., C.M., 87 S. Portland st., Glasgow
Brown, Joseph, M.A., tch., 17 Archibald pl., Edin.
Brown, Laur. R., M.A., stu., 9 Clairmont gds., Glas.
Brown, Mat. T., B.Sc., eng., 34 Gray st., Glasgow
Brown, Robert, B.D., minister, Auchtergaven
Brown, Robert, M.A., M.B., C.M., Kilmarnock
Brown, Robert, B.Sc., merch., Woodcroft, Partick
Brown, Robt., M.D., C.M., Belhaven ho., Pol'ksh'lds
Brown, Robt. S., LL.B., adv., 64 Frederick st., Edin.
Brown, Thos., M.A., asst. min., Scots ch., Melbourne
Brown, Thomas D., M.B., C.M., 2 Meadowbank place, Partick
Brown, Walter F., M.B., C.M., Coatbridge
Brown, Wal. R., B.L., writer, 227 W. George st., Glas.
Brown, William, M.D., C.M., Port-William
Brown, Wm., M.B., C.M, Dundyvan rd., Coatb'ge
Brown, William, M.D., C.M., Fishponds, Bristol
Brown, Wm., B.Sc., asst. physicist, Royal College of Science, Dublin
Brown, Wm. A., B.Sc., engineer, Moredun, Paisley
Brown, Wm. H. J., M.D., Howwood, Renfrew
Brown, Wm. L., writer, 41 W. George st., Glasgow
Brown, Wm. L., M.B., C.M., 17 Glasgow st., Hillh'd
Brown, Wm. M., M.B., C.M., Caterham, Surrey
Brown, Wm. M., M.B., C.M., Holly ho., Saltcoats
Brown, William R., M.A., minister, Ardrossan
Brown, William T., B.L., professor, St. Mary's College, Madras
Browne, Arthur H., M.B., C.M., 67 Catharine st., Liverpool
Browne, Hen., M.A., M.D., The Gables, M'chester
Browne, John, M.A., minister, Duncannon
Browne, Pet. O. W., M.B., C.M., Alderley Edge, Ches.
Browning, Donald M., M.A., barrister, St. Johns, Newfoundland
Browning, Robert L., M.A., minister, Midcalder
Browning, Thos. B., M.A., bar., 8 Walmer cr., Glas.
Brownlee, Alex. J., M.D., C.M., Bonkle, Newmains
Brownlee, Hugh R., B.Sc., engineer, East London, Cape Colony
Brownlee, John, min., West church, Rutherglen
Brownlee, John, M.A., M.B., C.M., West Manse, Rutherglen
Brownlee, John I., M.B., C.M., Woodside qdt., Glas.
Brownlee, Wm. S., B.D., prob., W. Manse, Ru'glen
Brownlie, William, M.A., minister, Lenzie
Brownridge, Robt., M.B., C.M., Thrushcraig house, Paisley
Bruce, Adam C., M.A., tch., Gram. sch., Bolton
Bruce, David, LL.B., writer, 32 Hamilton park terrace, Hillhead
Bruce, James, M.B., C.M., 9 Orr square, Paisley
Bruce, James H., M.D., Bulmershe, Reading
Bruce, Robert, M.B., C.M., 100 High st., Paisley
Bruce, Robert R., B.Sc., C.E., Montreal
Bruce, Robert Stewart, minister, Wishaw

Bruce, Thomas, minister, New Zealand
Bruce, William, B.D., minister, Dunimarle
Bruhn, Johannes, B. Sc., surveyor, 2 White Lion court, Cornhill, London, E.C.
Brunton, James, B.D., min., Monimail, Ladybank
Brunton, John, M.A., M.D., 16 Endsleigh street, London, W.C.
Brunton, Wm., LL.B., stud., Ardbeg vil., Dennist'n
Bryan, Thos. A., M.A., min., 4 Phelp st., Lond., S.E.
Bryce, Alex., M.D., C.M., 566 Moseley rd., Birm'ham
Bryce, Jas., M.D., C.M., 162 Copenhagen street, London, N.
Bryce, John A., M.A., merchant, 35 Bryanston square, London, W.
Bryce, John, M.A., teacher, Bowmore, Islay
Bryce, John R., M.D., C.M., 54 Stroud Green rd., London, N.
Bryce, Peter C., M.A., stu., Park cot., Dumbarton
Bryce, Wm., M.A., manuf., Victoria City, Vancouver
Bryce, Wm., M.D., C.M., 3 Buchanan gns., Mount Vernon
Bryden, Robt. L., B.L., writer, 15 Dalhousie st., Gl.
Bryson, Alexander, minister, Alloa
Bryson, James, M.B., C.M., 20 Strathleven place, Dumbarton
Bryson, John W., M.A., tch., Academy, Irvine
Bryson, Mungo, M.B., C.M., Thornhill, Dumfries
Buchan, George, M.D., C.M., Mayville, Cleland
Buchan, Walter, minister, Bovedy, Kilrea, Belfast
Buchanan, Alex., M.A., rector, Academy, Lenzie
Buchanan, Alex. M., M.D., C.M., 98 St. George's road, Glasgow
Buchanan, Alex., M.A., teach., Alexandria, Egypt
Buchanan, Geo., M.A., LL.D., M.D., professor, Glas.
Buchanan, Geo. B., B.A., M.B., C.M., 193 Bath st., Glasgow
Buchanan, Geo. S., insur. ag., 85 Candleriggs, Glas.
Buchanan, Gilbert, B.D., prob., Prestwick rd., Ayr
Buchanan, James, M.A., 12 Hamilton dr., Glas.
Buchanan, Jas., M.A., stud., Kirkton cot., Cardross
Buchanan, James, M.A., min., Burnmouth, Ayton
Buchanan, Jas. S., M.B., C.M., 55 Collins st., M'lb'rne
Buchanan, James, B.Sc., minister, Eaglesham
Buchanan, John, M.D., C.M., 116 Stanley rd., L'pool
Buchanan, John, M.B., C.M., 7 Hamilton place, New Cathcart
Buchanan, John Y., M.A., merch., 10 Moray pl. Edin.
Buchanan, Leslie, M.B., C.M., 14 Royal ter., Glas.
Buchanan, Peter, M.B., C.M., Coleford, Gloucester
Buchanan, Pet. S., M.B., C.M., 92 Regent ter., Glas.
Buchanan, Robt., M.A., B.Sc., M.B., C.M., Milnbank rd., Dundee
Buchanan, Robt., B.D., min., Middelburg, Cape Col.
Buchanan, Robt. M., M.B., C.M., 9 Burnbank ter., Glasgow
Buchanan, Robert M., M.A., st., 258 Bath st., Gl.
Buchanan, Thomas, minister, Barrhead
Buchanan, Thomas, M.B., C.M., 358 W. 51st street, New York
Buchanan, Wal. I., M.B., C.M., Sowerby, Thirsk
Buchanan, Wm., M.B., C.M., 45 Eglinton st., Glas.
Buchanan, William, B.Sc., engineer, 11 Waterloo road, N., Wolverhampton
Buchanan, Wm. L., account., 14 Lynedoch cr., Glas.
Buchanan, Wm. M., M.D., 8 Carlton ter., Edin.
Buick, James W. M., M.B., C.M., Ravenswood, Victoria, Australia
Bullock, James, M.A., minister, Harden, Bingley
Bunten, Jas. M., M.A., stud., 172 Slatefield st., Glas.
Burdon, And. M., M.A., tch., Oakbank, Bellshill
Burdon, James A., minister, Lasswade
Burnet, Geo. W., M.A., B.L., advocate, 46 Northumberland street, Edinburgh
Burnett, Edw. N., M.B., C.M., 48 Cross st., Frs'burgh
Burnett, James C., M.D., 30 First av., Brighton
Burns, Islay F., M.A., stud., 4 West hill, Dartford
Burns, James C., merchant, 30 Jamaica st., Glas.
Burns, Sir John, Bart., Castle Wemyss
Burns, John W., M.A., adv., Kilmahew, Cardross
Burns, Robert, M.D., C.M., 15 Edmund st., Glas.
Burns, Wm., M.B., C.M., 10 Balmoral cres., Crosshill
Burnside, Robert, M.A., S.S.C., 35 Bath st., Glas.
Burrell, Adam G., M.B., C.M., Port Elizabeth, S. Af.
Burton, John T., M.A., min., 5 Hillside gds., P'tick
Butchart, Wm., M.A., M.B., C.M., 11 Lochiel ter., Clydebank
Butler, Alexander, M.B., C.M., Belhaven house, Port-Glasgow
Butler, Dugald, M.A., minister, Abernethy
Butler, James, M.B., C.M., Dorema, Kilmalcolm
Butler, Wm., M.B., C.M., 26 Craven park road, London, N.W.
Buttercase, Robt., M.B., C.M., Forest hall, Newcastle-on-Tyne
Caesar, James, M.A., assist. min., Dunnottar, Stonehaven
Caird, Edward, LL.D., D.C.L., Master of Balliol College, Oxford
Caird, John, M.A., D.D., LL.D., principal, Glas.
Cairncross, Thomas S., B.D., prob., Lesmahagow
Cairnie, Charles, M.A., stud., Silverac, Largs
Cairns, Chas. H., M.B., C.M., 28 Leven st., P'sh'lds
Cairns, Jas., B.D., curate, Warwick sq., London
Cairns, John A., LL.B., S.S.C., 10 Greenhill ter., Edinburgh
Cairns, Wm., M.B., C.M., Union Bank, Gatehouse
Caithness, James, M.D., C.M., Ruthin rd., Denbigh
Calder, Robert, M.A., H.M.I.S., Broughty Ferry
Calderwood, George, M.D., C.M., Egremont
Calderwood, Hugh, B.Sc., M.B., C.M., High Gainford, Fenwick
Calderwood, John, M.B., C.M., Holm cot., E. Kilb.
Calderwood, John, M.A., B.L., law cl., 31 Moray pl., Glasgow
Calderwood, Robt., M.B., C.M., 33 High st., Paisley
Caldwell, James, M.P., 12 Grosvenor ter., Glasgow
Caldwell, Robt. R., min., Kilncroft, Helensburgh
Caldwell, Wm., writer, 79 W. Regent st., Glasgow
Caldwell, Wm. S., M.D., Lochside, Lochwinnoch
Callan, Hugh F., M.A., minister, Manse, Catrine
Callan, John, M.A., min., Pictou, Nova Scotia
Callender, Jas., M.B., C.M., Inverness
Camack, Peter G., M.D., C.M., Derrykeighan, Dervock
Cameron, Alex., teacher, Cartside cot., Johnstone
Cameron, Alex., M.D., C.M., Caistor, Lincolnshire
Cameron, Alex., M.B., C.M., 8 Onslow drive, Glas.
Cameron, Arch. B., M.A., D.D., minister, 5 Rillbank terrace, Edinburgh
Cameron, Allan, M.B., C.M., Salen, Ardgour
Cameron, Sir Charles, Bart., M.D., M.Ch., LL.D., M.P., Balclutha, Greenock
Cameron, David B., M.A., minister, Rosebank, Dundee
Cameron, Donald, M.A., minister, 54 Rosebank terrace, Glasgow

Cameron, Donald, min., Kilmonivaig, Ft.-William
Cameron, Donald, M.A., tch., Schoolhouse, Ellon
Cameron, Dun., M.A., stu., 19 Brisbane st., G'nock
Cameron, Hector C., M.D., C.M., 200 Bath st., Glas.
Cameron, Hugh, M.A., tch., 45 Bentinck st., Glas.
Cameron, Henry P., M.A., minister, Dalry, Ayr
Cameron, James, minister, Mirfield, Yorkshire
Cameron, James, B.D., min., Craigmore, Rothesay
Cameron, James R., M.A., minister, U.P. Manse, Duntocher
Cameron, Jas. W., M.B., C.M., 36 Apsley pl., Glas.
Cameron, Jas. W., B.L., solic., Gowanbrae, P'shaws
Cameron, John, B.D., minister, Allahabad
Cameron, John, M.B., C.M., 63 Cotham Brow, Bris.
Cameron, John, M.D., 17 Rodney st., Liverpool
Cameron, John, M.D., Epworth, Doncaster
Cameron, John, M.A., D.D., minister, Dunoon
Cameron, John A., M.B., C.M., Lagganbuie, D'mally
Cameron, John L., M.A., U.P. Manse, Duntocher
Cameron, John M., M.B., C.M., Old Kilpatrick
Cameron, Mat., M.B., C.M., Gilston Mains, Largo
Cameron, Mat. B., M.A., teacher, Park pl., Calside, Paisley
Cameron, Murdoch, M.D., C.M., professor, Glas.
Cameron, Thomas, M.B., C.M., Portsonachan, Dalmally
Campbell, Alexander, M.B., C.M., Murrough park house, Govan
Campbell, Alex., B.L., writer, 153 St. Vincent st., Glasgow
Campbell, Alex. F., M.A., teacher, 31 Thomas st., Alexandria
Campbell, Alex. S., M.A., minister, Highfield, Morecambe
Campbell, Archibald, M.A., M.B., C.M., Biggar
Campbell, Arch., M.B., C.M., 157 Shields road, Heaton, Newcastle
Campbell, Arch., M.B., C.M., Furnace, Inveraray
Campbell, Angus, M.D., C.M., 32 Whittington road, London
Campbell, Arch., M.A., minister, Errol
Campbell, Arch., minister, Kilfinichen, Mull
Campbell, Arch. D., B.L., writer, 52 Buccleuch street, Glasgow
Campbell, Arch., M.B., C.M., Ratcliffe-on-Trent
Campbell, Arch. P., M.B., C.M., 186 H'spital st., Glas.
Campbell, Arch. T., M.B., C.M., 5 Raeb'ry st., Glas.
Campbell, Charles, B.D., min., Westfield, Airdrie
Campbell, Colin, D.D., minister, Dundee
Campbell, Daniel, M.A., student, 100 Cathcart road, Govanhill
Campbell, David, M.A., B.L., solicitor, Melbourne
Campbell, David B., M.B., C.M., 1 Lansdowne pl., Shawlands
Campbell, David J. M., M.B., C.M., 10 Lynedoch pl., Glasgow
Campbell, Don., min., Oakford, Bampton, Devon
Campbell, Don., M.D., Craigrannoch, Ballachulish
Campbell, Donald, min., Kirkmichael, Glassery
Campbell, Donald, M.D., C.M., Calne, Wiltshire
Campbell, Don., M.A., tch., Dean sch., Edinburgh
Campbell, Donald, M.A., teacher, 54 Kelbourne street, Kelvinside
Campbell, Dugald, M.D., Lochgilphead
Campbell, Dug., M.B., C.M., Kauai, Hawaiian Is.
Campbell, Duncan, M.A., probationer, Aberfeldy
Campbell, Finlay S., M.D., C.M., 6 Wilton gardens, Glasgow
Campbell, Gilbert, M.B., 12 Hamilton cr., Partick
Campbell, Henry J., M.A., teacher, 23 Kensington terrace, Ibrox
Campbell, Hugh S., M.A., rec., Nettleton, Caistor
Campbell, James, M.A., tea merch., Crowborough
Campbell, James, M.A., teacher, Semple cottage, Old Cumnock,
Campbell, James A., LL.D., M.P., Stracathro
Campbell, Jas. D., M.B., C.M., Navenby, Lincoln
Campbell, James E., M.A., B.L., writer, 3 County place, Paisley
Campbell, James H., M.B., C.M., 12 Hamilton crescent, Partick
Campbell, Jas. J., M.D., C.M., Lauriston, C'tle-Doug.
Campbell, James M'K., M.A., min., Lochgoilhead
Campbell, James R., D.D., min., Shipley, Yorks.
Campbell, John, B.D., prob., 52 Buccleuch st., Glas.
Campbell, John A., M.A., min., F.C., Tobermory
Campbell, John A., M.D., C.M., Garlands, Carlisle
Campbell, John, M.B., 9 India street, Glasgow
Campbell, John, min., Glenurquhart, Inverness
Campbell, John, B.D., minister, Kirkcaldy
Campbell, John, M.D., 5 Barton st., Gloucester
Campbell, John, minister, 37 Gillespie cres., Edin.
Campbell, John L., late schoolmaster, Newmilns
Campbell, John M., B.Sc., mining engineer, Half Assini, W. Africa
Campbell, John M., M.B., C.M., Caersws
Campbell, Malc., M.B., C.M., 111 Hill St., Garnethill, Glasgow
Campbell, Mat. G., M.A., minister, Falstone
Campbell, Niel, M.B., C.M., 2 Canning place, Glas.
Campbell, Rich. V., LL.B., adv., 37 Moray pl., Edin.
Campbell, Robert A., M.B., C.M., Westgate road house, Newcastle-on-Tyne
Campbell, Robert, minister, 4 Craigpark, Glasgow
Campbell, Samuel, M.D., Junior Army and Navy Club, London
Campbell, Samuel H., M.D., C.M., Portrush
Campbell, Thompson, M.B., C.M., 8 Albert road E., Crosshill
Campbell, Walter A., M.A., clerk, Toledo, Ohio
Campbell, Walter S., M.B., C.M., Crediton, Devon
Campbell, Wm., M.A., min., Craigie, Kilmarnock
Campbell, Wm., B.D., assist. min., Carradale
Campbell, William, M.D., 22 Cromwell crescent, London, S.W.
Campbell, Wm., M.B., C.M., 11 Ibrox place, Govan
Campbell, William A., M.A., min., Cargill, Perth
Campbell, Wm. A., M.B., C.M., Springbank, Oban
Campbell, Wm. M., B.D., minister, Fintry
Campsie, James, M.A., tch., 49 Copeland rd., Govan
Cane, Herbert Du, M.B., C.M., 82 Bury st., Darwen
Cannan, David, M.A., student, 25 Mornington rd., London, E.
Cannon, Wm. R., M.A., tch., Fleming's buildings, Cambuslang
Capie, Samuel, M.B., C.M., 287 Duke st., Glasgow
Cappon, James, M.A., prof., Kingston, Canada
Capps, Washington L., B.Sc., ensign, U.S. Navy
Carlyle, John, M.D., C.M., 43 Regent st., Greenock
Carmichael, Alex., M.B., C.M., Riverton, Cathcart
Carmichael, Daniel, M.B., C.M., Tarbert, Lochfyne
Carmichael, Dan. G., M.B., C.M., 129 Kenmure st., Pollokshields
Carmichael, Henry, M.B., C.M., 10 Ardgowan ter., Glasgow
Carmichael, Hugh, M.A., stu., Chapelton, Bearsden

Carmichael, Neil, M.B., C.M., 23 Nithsdale drive, Pollokshields
Carmichael, Peter, B.D:, min., 20 Alwyne square, London, N.
Carmichael, William G. H., M.A., minister, Perth
Carr, Jonas K., M.D., 10 Hatherley pl., Cheltenham
Carr, William, M.B., Barlinnie, Glasgow
Carrick, Alexander, minister, Troon
Carrick, John, M.A., min., 32 Dick pl., Edinburgh
Carrick, John C., B.D., min., Newbattle, Dalkeith
Carroll, John S., M.A., min., 5 Park quad., Glasgow
Carroll, Joseph, M.B., C.M., Bath street, Ilkeston
Carroll Robt. J., M.B., C.M., Whitehill st., Glas.
Carruthers, Alex., M.A., prob., H'wgate, Kilwin'ing
Carruthers, James, M.A., student, Newarthill, Motherwell
Carruthers, Jas. W. D., M.A., minister, Stewarton
Carruthers, Jas. B., M.D., 4 Melville st., Edinburgh
Carruthers, John, M.D., C.M., Rockferry, Cheshire
Carruthers, John J., M.B., C.M., Kirkpatrick-Fleming
Carruthers, Thos., M.A., minister, Bridge of Weir
Carruthers, Thomas, M.A., student, F. C. Manse, Bridge of Weir
Carslaw, Horatio S., M.A., student, Park manse, Helensburgh
Carslaw, James, M.A., M.B., C.M., 400 Gt. Western road, Glasgow
Carslaw, Wm. H., M.A., minister, Helensburgh
Carslaw, Wm. H., M.A., engineer, Helensburgh
Carstairs, John L., M.A., M.B., C.M., 1 Carlton gardens, Glasgow
Carswell, Ferg., M.B., C.M., 61 Sardinia pl., Hillh'd
Carswell, James, M.A., minister, 13 Meldon ter., Newcastle-on-Tyne
Carswell, James S., B.D., minister, 10 Ancaster drive, Jordanhill
Carswell, Robert, M.A., stu., Shawbank, Giffnock
Carver, Thos. A. B., B.Sc., C.E., Heigham, Aubrey road, Hornsey, London, N.
Caskey, Joseph, minister, Stronsay, Kirkwall
Caskie, James, M.B., C.M., Methil, Fife
Caskie, Wm. A., M.A., M.D., C.M., Largs
Cassells, Robt. D., B.Sc., engr., Hazelbank, P'shields
Cassels, Thomas, M.A., minister, Stewarton
Cassels, Thomas, M.D., C.M., Southend, Essex
Cassels, Wm., M.B., C.M., Napierston ter., Jamest'n
Causley, Henry B., M.B., C.M., 3 Gray st., Glasgow
Chalmers, Arch., M.A., M.B., C.M., Crocketford, Dumfries
Chalmers, Archibald K., M.D., C.M., 23 Kersland terrace, Hillhead
Chalmers, Jas., M.D., 36 Abbotsford pl., Glasgow
Chalmers, Jas., M.B., C.M., Chester rd., Sunderland
Chalmers, James E., M.B., C.M., 4 Church place, Greenock
Chalmers, John C., B.D., minister, Kilmaurs
Chalmers, John M., M.A., tch., 39 Kelvinhaugh street, Glasgow
Chalmers, Quintin, M.D., C.M., 10 Royal cres., Glas.
Chalmers, Thos., M.A., solicitor, Greenock
Chamberlain, Joseph, M.P., Highbury, Moor Green, Birmingham
Chandler, Bentham C., M.D., C.M., 11 Shrewsbury road, London
Chang, Vivian E., M.B., C.M., 49 Portland place, London, W.
Chapman, Gavin, M.A., manuf., Ruby st., Glasgow
Chapman, Thomas A., M.D., Burghill, Hereford
Charles, David H., M.D., Cookstown
Charles, John, M.D., C.M., 23 Tavistock place, Sunderland
Charlton, Alf., M.B., C.M., Brook ho., Brentford
Charteris, Arch. H., M.A., student, 3 Kirklee gns., Glasgow
Charters, David, M.B., C.M., 46 Dick st., Glas., W.
Christie, David, M.B., C.M., 12 Derby ter., Glasgow
Christie, James R., LL.B., adv., 31 India st., Edin.
Christie, John, Cowdon Castle, Dollar
Christie, Joseph M., M.B., C.M., 13 Westercraigs, Glasgow
Christie, William, min., 81 Clerk st., Edinburgh
Christie, Wm. W., M.D., C.M., 13 Westercraigs, Glas.
Chrystal, James, D.D., minister, Auchinleck
Clapperton, Alan E., B.L., writer, 4 Woodside terrace, Glasgow
Clapperton, Lewis, M.A., C.A., 4 Woodside terrace, Glasgow
Clark, Alex., M.A., minister, Wick
Clark, Alex., min., 127 Marchmont rd., Edinburgh
Clark, Allan A., M.B., C.M., 64 Great George st., Hillhead
Clark, Alex. T., M.A., student, Kirkland park, Strathaven
Clark, David R., M.A., merchant, 8 Park dr., W., Glasgow
Clark, Dugald, M.A., stud., Port Charlotte, Islay
Clark, Dugald M., B.L., writ., 18 W.-end pk. st., Glas.
Clark, Duncan, minister, Benbecula
Clark, Fran. W., M.A., barrister, Ulva, by Aros
Clark, Geo., M.B., C.M., Rosebery gds., Lond., N.
Clark, Gilbert, M.A., min., Haywood, Lanark
Clark, Hugh, M.D., Ferryhill, Durham
Clark, James, M.A., minister, Balgonie, Markinch
Clark, James, M.B., C.M., Beith
Clark, Jas., M.A., advoc., 30 Castle st., Edinburgh
Clark, James A., M.A., min., Yarm Lane, Stockton-on-Tees
Clark, John A., B.D., minister, Brechin
Clark, Patrick T., minister, Gamrie, Banff
Clark, Wm., M.A., minister, Barrhead
Clark, Wm., M.A., B.Sc., M.B., C.M., Dundonald
Clarke, Fred. H., M.B., C.M., 29 Castle st., Dumfries
Clarke, John, M.A., lect., 23 Doddington grove, London, S.E.
Clarke, John H., writer, 7 Princes ter., Glasgow
Clarke, John, minister, Minard, Inveraray
Clarke, John, M.B., C.M., Plumstead, Kent
Clarke, Joseph, M.D., Mount Mellick, Queen's Co.
Clarke, Robt., M.B., C.M., 8 Smith ter., Rutherglen
Clarke, Thomas E. S., B.D., minister, Salton
Clarke, William, M.D., Wentworth, Rotherham
Clarkson, William, surgeon, Morpeth
Clazy, Robt. S., M.A., stud., Ecclestoun, Paisley
Clazy, William O., LL.B., writer, Ecclestoun, Paisley
Cleland, John, M.D., LL.D., F.R.S., professor, University, Glasgow
Cleland, John, B.Sc., engineer, Easterhouse
Cleland, Wm., B.Sc., engineer, Blonk st., Sheffield
Clements, William, M.B., C.M., Burton-on-Trent
Clerk, Iain, M.B., C.M., Knightswood Hosp., Glas.
Climie, James, M.A., stu., Longrigg, Slamannan
Clow, William, M.A., B.Sc., M.B., C.M., 33 Warwick street, Glasgow
Clow, Wm. M., B.D., min., 8 Alford pl., Aberdeen

Clubb, Chas., M.A., tch., 30 Annette st., Glasgow
Clubb, John, B.D., teacher, Dunvegan
Cluckie, Andrew, M.B., C.M., 77 George street, Stranraer
Cluckie, Neven G., M.B., C.M., 10 Eldon street, Greenock
Clugston, James, min., 25 Holyrood quad., Glas.
Clyde, James, M.A., LL.D., teacher, 17 Heriot row, Edinburgh
Coats, James, M.B., C.M., Army Medical Staff
Coats, James, M.A., B.L., student, East Kilbride
Coats, Jervis, M.A., min., 8 Ibrox ter., Govan
Coats, John, M.A., port., Barnwood, Helensburgh
Coats, John J., M.A., writ., 27 Woodside pl., Glas.
Coats, Joseph, M.D., professor, 8 University gardens, Glasgow
Coats, Robert H., B.D., prob., Hayfield, Paisley
Coats, Walter W., B.D., min., Girthon, Gatehouse
Cochran, Alex., M.B., C.M., Maryville, Corsebar, Paisley
Cochran, John, M.A., teacher, 3 Neil st., Paisley
Cochrane, Chas. E., M.B., C.M., Porth, Pontypridd
Cochrane, James, M.B., C.M., Glen road, Wishaw
Cochrane, John, M.B., C.M., Townh'd, Kirkint'ch
Cochrane, Mich., M.A., prof., Colombo, Ceylon
Cochrane, Robt., M.B., C.M., Townh'd, Kirkint'ch
Cochrane, Thos., M.B., C.M., 13 Mt. Pleasant st., Greenock
Cochrane, William, min., 82 London st., Glasgow
Cockburn, Sam., M.B., C.M., 195 Bath st., Glasgow
Cocker, John M., M.A., tch., 9 Windsor st., Glas.
Collins, Hugh B., B.Sc., C.E., Garscadden, New Kilpatrick
Collum, Robert, M.D., Sutherland ho., Surbiton
Colquhoun, Alex., M.A., law clerk, 8 Bowmont terrace, Glasgow
Colquhoun, James, LL.D., writer, 158 St. Vincent street, Glasgow
Colquhoun, Walter, M.A., student, 2 Florentine place, Hillhead
Colville, John, B.D., min., St. Thomas', Dundee
Colvin, Thos., M.B., C.M., 29 Apsley pl., Glasgow
Comerford, John T., M.D., Dep. Insp. Gen., R.N., Junior United Service Club, London, S.W.
Comrie, Andrew, M.A., tch., W. Burgh sch., Forfar
Conn, Joseph, B.D., minister, Tillicoultry
Connal, James G., M.B., C.M., 4 Burnbank ter., Glasgow
Connell, Charles R., M.A., stud., Middle Temple, London
Connell, Donald, M.A., minister, Free W. Manse, Inverness
Connell, Duncan, min., 5 Kelburn Av., Dumbreck
Connell, John, minister, Dreghorn
Connell, William, writer, Lochwinnoch
Connor, David, M.A., stu., 61 Albert rd., Crosshill
Connor, George M., M.B., C.M., 2 Whitehill gns., Glasgow
Connor, John M., M.A., student, 61 Albert road, Crosshill
Conochie, Thomas G., M.A., min., 7 Shamrock st., Dundee
Constable, John, M.D., C.M., Leuchars, Fife
Cook, Alex., M.D., C.M., Cathedral road, Cardiff
Cook, David, B.L., law clerk, Tinavale, P'shields
Cook, Donald, M.A., min., 6 Albany ter., Dundee
Cook, James, M.B., C.M., Main st., Stewarton
Cook John A. M.B. C.M., Linton, Kelso
Cook, John M., M.A., teacher, Crosshill school, Strathaven
Cook, Robt., M.B., C.M., Tinavale, Pollokshields
Cook, Robert, M.D., Kyber ho., Leiston, Suffolk
Cook, Thomas, M.A., student, Janefield, Paisley
Cook, Thomas D., M.B., C.M., Glendon, Torquay
Cook, Wm., M.A., writ., 77 St. Vincent st., Glasgow
Cook, William S., B.Sc., M.B., C.M., Newton st., Greenock
Copeland, Jas. W., M.A., stud., 6 Granville pl., Glasgow
Copland, Andrew, M.B., C.M., Walkinshaw villa, Johnstone
Copland, George, M.A., minister, Ayr
Copland, Wm., M.B., C.M., 123 Cambridge drive, Glasgow
Copland, Wm. R., engin., 146 W. Regent st., Glas.
Corbett, Joseph, D.D., min., 15 Camphill quad., Langside
Corbett, Robert, Barrhead
Corbett, Robt., M.A., tch., 184 Parliam'ary rd., Glas.
Corbett, Robert, M.B., C.M., Bank st., Barrhead
Cordiner, Alex., M.A., stu., U.P. Manse, Les'hagow
Cordiner, James, M.A., M.B., C.M., Lesmahagow
Cordiner, Robert, minister, Lesmahagow
Cordiner, Robt., M.A., prob., Southend, Campbelt'n
Core, William, M.D., C.M., Barnhill, Springburn
Cormack, Benj. G., M.A., B.Sc. professor, 8 Strathleven place, Dumbarton
Cormack, John D., B.Sc., Univ. asst., 10 Kersland street, Hillhead
Cormick, Fred. B., M.B., C.M., Clydeb'k ho., Yoker
Costelloe, Benj. F. C., M.A., barr., 33 Chancery lane, London
Coulson, Geo. F., B.Sc., C.E., Amalfi, Kelvinside
Couper, Charles T., adv., 3 Charlotte sq., Edinb'h
Couper, David, M.D., C.M., 9 Seton ter., Glasgow
Couper, James, merch., Craigforth ho., Stirling
Couper, John, M.D., 80 Grosvenor st., London, W.
Couper, John T., minister, Buxton
Couper, Peter, M.A., tch., 12 Rothesay gns., Partick
Court, Charles, M.B., C.M., Kirkham, Lancashire
Coutts, David, M.B., C.M., Skipness, Kintyre
Coutts, James, Glasgow
Cowan, Chas. J., B.D., min., Morebattle, Kelso
Cowan, David R., minister, Stafford
Cowan, Dugald M., M.A., tch., Loch Awe Cottage, Maryhill
Cowan, Hugh, LL.B., stu., 53 Ashton ter., Hillhead
Cowan, John, M.A., student, Belmont, Paisley
Cowan, John R., writer, 14 Wellington sq., Ayr
Cowan, Robert C., M.A., accountant, 6 North St. Andrew street, Edinburgh
Cowan, Samuel D., M.A., M.B., C.M., Duke Town, Old Calabar, W. Africa
Cowen, Baruch S., M.B., C.M., Alphington, Melbourne
Cowen, Herbert O., M.B., C.M., Douglas, I. of Man
Cowie, David, M.B., C.M., 71 Wilton ter., Glasgow
Coyle, Robinson R., M.B., C.M., 15 Buccleuch st., Glasgow
Craig, Alexander B., M.B., C.M., Irvine
Craig, Alex. G., B.Sc., C.E., 1 Maxwell st., Partick
Craig, Alex. M., M.A., min., Forrestfield, Kelso
Craig, Andrew F., M.D., C.M., Glenbank, Lenzie
Craig, And. M., M.A., teacher, N. Public School, Falkirk
Craig, Arch., M.D., Pathhead, Ford, Midlothian

Craig, Arch., LL.B., writer, 5 Fitzroy pl., Glasgow
Craig, Dan., M.B.,C.M.,Cross,Arthurlie,Barrhead
Craig, James, minister, 107 Victoria rd., Crosshill
Craig, Jas., M.A., B.Sc., tch., 4 W.Garden st.,Glas.
Craig, James, B.D., minister, Whitburn
Craig, James H., M.A., schoolmaster, W. Linton
Craig, John, M.B., C.M., Grenada, West Indies
Craig, John, M.A., tch., 209 Allison st., Glasgow
Craig, John B., B.D., prob., 12 Waterside, Irvine
Craig, John Scott, min., Maryport, Cumberland
Craig, John Wright, M.D., 17 Park road, Bingley
Craig, Joseph L., M.A., minister, Montrose
Craig, Peter L. L., M.A., B.Sc., M.B., C.M., Belhaven terrace, Wishaw
Craig, Robt., M.A., min., 15 Buccleuch pl., Edin.
Craig, Thos. C., M.B.,C.M., 97 Meldon ter., Heaton
Craig, Wm., M.D., C.M., 71 Bruntsfield pl., Edin.
Craigie, James T., min., 52 Cromwell st., Glasgow
Craik, Geo. L., publisher, 29 Bedford st., London
Craik, James, M.A., W.S., 9 Eglinton cr., Edin.
Craik, Robert, M.D., C.M., Conisb'gh, Rotherham
Craik, Wm., M.B., C.M., 84 High st., Dalbeattie
Cramb, John A., M.A., professor, 13 Arundel gns., London, W.
Cranmer, John G., B.D., probationer, Milngavie
Cranstoun, Jas., LL.D., late teacher, Roxburgh house, Stroud
Crawford,Alex.,M.B.,C.M.,78Keith st.,Stornoway
Crawford, Alex. D., M.B., C.M., Coleshill, Warwickshire
Crawford, Alex.W., M.B.,C.M.,82 High st.,Paisley
Crawford, David H., M.A., Univ. assistant, 73 New Road, Ayr
Crawford, Jas., M.A., tch., 145 Buccleuch st.,Glas.
Crawford, John, M.B., C.M., Biggar
Crawford, John,M.B.,C.M., Byres ho., Kilwinning
Crawford, John C., M.B., C.M., Ardrossan
Crawford,John,M.B.,C.M.,32 Q.Mary av.,Crosshill
Crawford, John I., M.D., Swanage, Dorset
Crawford,Lawr.,B.Sc.,lect.,Mason Col.,Birm'ham
Crawford, Matt., min., 11 Broomhill ter., Partick
Crawford, Robt., M.A., min., Kilmallie, Banavie
Crawford, Robt., M.D., C.M., 2 Windsor ter., Glas.
Crawford, Thomas., B.D., prob., Kincarrathie cr., Perth
Crawford, William, M.D., C.M., Uddingston
Crawford, Wm. B., writer, 104 W.Regent st., Glas.
Crawfurd, George, merch.,Western Club, Glasgow
Crawfurd, George, writer, 175 St. Vincent st.,Glas.
Crawfurd, Robert K. B., M.B., C.M., Keswick
Creighton, John A., M.B., C.M., Caistor, Lincs.
Creighton, William D., M.A., curate, 3 S. George street, Dundee
Crerar, Peter D., M.A., bar., Hamilton, Canada
Crichton, David, advocate, 41 York pl., Edinburgh
Crichton, Wm., M.B., C.M., 97 Main st., P'kshaws
Croker, George, M.D., Mount Pottinger, Belfast
Crooke, Warren, M.D., Sunnyside, Macroom
Crosbie,Warren, B.L.,wr., 153 St.Vincent st.,Glas.
Cross, Andrew L., planter, 41 Coates gds., Edin.
Cross, David K., M.B., C.M., British Cent. Africa
Cross,John,M.A.,bar.,3New sq.,Linc.Inn,London
Cross, John, M.B., C.M., 7 Huntly ter., Kelvinside
Cross, Thos., LL.B., writer, 25 Park circus, Glas.
Cross, Wm., M.A., stud., Stanley villa, Cathcart
Crossfield, Hedley R. V., M.B., C.M., Douglas, Isle of Man
Crosskey, Walter F., M.D., C.M., Lewes, Sussex
Crothers, Robert, M.D., C.M., Southborough
Crow, John, M.A., minister, Hanley, Staffs.
Cruickshank, John, M.A., teacher, Lothian road school, Edinburgh
Crum, John G., M.A., stud., 9 Hillhead gns., Glas.
Cullen,John R.F.,M.B.,C.M.,Rowanlea,Al'x'ndria
Cullen, Wm., M.B., C.M., 9 Grafton pl., Glasgow
Culross, James, M.A., M.B., C.M., Newton Abbot
Cumming, Alex. N., M.A., bar., Temple, London
Cumming, Miss Alice L. L., M.B., C.M., 20 Blythswood square, Glasgow
Cumming, Jas. B., M.B., C.M., 15 Woodside quad., Glasgow
Cumming,Jas.B.,M.B.,C.M.,Cairndhu,Wh'ng B'y
Cumming, James S., M.D., C.M., 20 Blythswood square, Glasgow
Cumming, James E., D.D., min., 2 Newton ter., Glasgow
Cumming, John, M.A., stud., 23 Sydney st., Glas.
Cumming, John. M.B., C.M., Tower, Dalmuir
Cumming,John B.,B.D.,min.,Mortlach, Dufftown
Cumming, John G., M.A., Bengal C.S., India
Cumming, Robert, B.D., probationer, 70 Forth st., Pollokshields
Cumming, Wm., M.A., stud., 39 Mill st., Paisley
Cunliff, Richard J., LL.B., writer, 175 W. George street, Glasgow
Cunningham, Andrew, M.B., C.M., Oldbury
Cunningham, David, M.A., teacher, Rosemarkie
Cunningham, Geo., M.A., stud., Blair Wks., Dalry
Cunningham,Jas.,M.A.,min.,Wandsworth,Lond.
Cunningham, John, M.B., C.M., Campbeltown
Cunningham, John, M.B., C.M., 69 Queen's road, London, N.E.
Cunningham, John, M.B., C.M., 49 High street, Stewarton
Cunningham, John F., M.A.,teacher,180 Thomson street, Glasgow
Cunningham, John M., writer, Helensburgh
Cunningham, Peter H., M.B.,C.M., Talbot,V'toria
Cunningham, William B., minister, Prestonpans
Cunningham, William L., M.B., Alva
Cuppage, Thomas, M.D., C.M., Lurgan
Curle, David, M.D., C.M., 1 Burnbank gds., Glas.
Currie, Duncan W., M.D., C.M. Elms, Tillicoultry
Currie, Hugh B., M.B., C.M., Johannesburg
Currie, Hugh H., B.D., minister, Keig
Currie, John, M.D., C.M., Rayapuram, Madras
Currie, Joseph, tch., 12 Thornhill gns., Sunderland
Currie, Robt. K., M.B., C.M., 294 Bath cres., Glas.
Currie,Ron.,M.D.,C.M., Hydropath.,Wemyss Bay
Currie, Thomas, M.A., minister, 131 Warrender park road, Edinburgh
Currie,Wm.,M.A., M.B., C.M., Todmorden,Yorks.
Cuthbert, Chas. C., M.A., stud., Hillfoot, B'sden
Cuthbert, Jas. A., B.L., bookkeeper, Bishopbriggs
Cuthbertson, John, Umberley cottage, Troon
Cuthbertson, David, M.D., 22 Park ter., Stirling
Cuthbertson, John, M.A., tch., 12 James st., Glas.
Cuthbertson, Sir John N., LL.D., merch.,Glasgow
Cuthbertson, Robert, minister, 15 Rockingham street, Leeds
Cuthbertson, Thos. W., M.A., merch., 25 Blythswood square, Glasgow
Cuthill, Jas. S., B.D.,prob., Gateside, Bonnybridge

Dale, Alex., M.A., stu., 71 Fullarton st., Irvine
Dale, George, M.B., C.M., Manor park, London, E.

Dalrymple, James R., M.B., C.M., 24 Thornhill road, Birmingham
Dalzell, James, B.D., M.B.,C.M., missy.,So. Africa
Dalziel, Geo. C., B.D., min., Kinglassie, Kirkcaldy
Daly, John F., M.A., min., 17 Park circus pl., Glas.
Daly, Wm J., M.B., C M., 203 Seaside, Eastbourne
David, John, M.B.,C.M., Clydach, RhonddaValley, S. Wales
Davidson, Alex., M.B., C.M., 44 Cornwall road, London
Davidson, Andrew, M.A.,M.D.,C.M., Marianville, Cathcart
Davidson, Benj. J., M.A., stu., 274 Dumbarton rd., Glasgow
Davidson, Geo., M.B., C.M., 9 S. Norton pl., Edin.
Davidson, Geo., B.Sc., min., 7 Bellevue cr., Edin.
Davidson, Jas., M.A., C.A., 102 Hope st., Glas.
Davidson, Jas, M.A., stu., 85 Brisbane st., Greenock
Davidson, Jas. F., M.B., C.M., Tomintoul, Banff
Davidson, John W., min., Compton station, Bristol
Davidson, Lewis, M.A., min., Mayfield, Edin.
Davidson, Mark G., M.A., advocate, Woodburn, Hamilton
Davidson, Robt., writer, 18 Alfred pl., London, S.W.
Davidson, Robert, teacher, Cumbernauld
Davidson, Robert, M.B., C.M., Shettleston
Davidson, Thos., M.D., C.M., Thornhill, Dumfriesshire
Davidson, William A., M.A., teacher, 199 Renfrew st., Glasgow.
Davies, David L., M.B., Neath, Glamorgan
Davies, Evan, M.A., student, Swansea
Davies, Hen., M.B., C.M., Waunmeirch, Llangeler
Davies, John, M.A., minister, Bridport, Dorset.
Davies, John, M.D., C.M., Llynvi, Maestey, Glamorgan
Davies, John D., M.B.,C.M., Eglwys Fach, Conway
Davies, John M., M.A., professor, Cadvan villa, Menai Bridge
Davies, John S., M.A., M.B., C.M., 58 Glencairn drive, Pollokshields
Davies, Norman de G., B.D., minister, Ashton-under-Lyne
Davis, George W., M.B., C.M., Blackburn road, Accrington
Davis, Thomas, M.D., Crawford sq., Londonderry
Davison, Thos., M.A., min., Dungivan, co. Derry
Davison, William H., M.A., minister, Sec. of Congl. Union, 30A George sq., Edinburgh
Dawbarn, Gilbert J., B.Sc., eng., Learmonth, Aust.
Dawson, Jas., M.A., insp. of schools, Braidwood, N.S.W.
Day, Makhan Lal, M.B., C.M., 28 Rupert st., Glas.
Dean-Leslie, John, LL.B., adv., 18 Nelson st., Ed.
Deas, Andrew O., LL.B., advocate, Edinburgh
Denholm, And., M.D., C.M., Chorlton-cum-Hardy
Denney, James, M.A., D.D., prof., F. C. College, Gl.
Dennison, Jerome, B.L., law cl., 2 Colebrooke st., Glasgow
Dennistoun, John, merchant, 28 Stanhope gns., London, S.W.
Denton, Tanat W., M.D., New Bild, near Chester
Dewar, Alex., M.B., C.M., 21 Crossburn st., Glas.
Dewar, Dan. M., M.B., C.M., 83 Taylor st., Glas.
Dewar, David A., M.B., C.M., Grangemouth
Dewar, Donald S., M.B., C.M., 7 Radnor st., Glas.
Dewar, James, M.A., minister, Arrochar
Dewar, Jas., M.A., tch., 358 N. Woodside rd., Glas.
Dewar, John, M.B., C.M., Easdale, Oban
Dewar, John, M.A., miss'y, Tarkastad, Cape Col.
Dewar, Miss Margaret C., M.B., C.M., Gartnavel, Glasgow.
Dewar, Peter F., M.B., C.M., Viewfield manse, Strathaven
Dewar, Robt. S., M.A., teacher, Crossford, Lanark
Diamond, Jas., M.D., C.M., Marsh, Huddersfield
Diamond, William, M.B., C.M., Sydenham, N.Z.
Dick, Alex., writer, 176 W. George st., Glasgow
Dick, Arch. S., M.B., C.M., Castlewood, Cathcart
Dick, James, M.D., Harrington
Dick, Jas., M.A., stu., 105 Hill st., G'rnethill, Gl.
Dick, John, minister, Tweedsmuir, Biggar
Dick, John, M.A., teacher, Bent rd., Hamilton
Dick, Matthew, LL.B., writer, Auchmillan, Campbeltown
Dick, Rich. G., M.B., C.M., King st., Burghead
Dickie, Andrew B., M.A., minister, Huntly
Dickie, David U., M.A., B.L., writer, 18 Woodlands terrace, Glasgow
Dickie, Hugh, M.A., M.D., C.M., Morpeth
Dickie, John, M.D., Strone, by Greenock
Dickie, John M., B.D., prob., Ivy lodge, Kilmarnock
Dickie, Matthew, M.A., minister, Sanquhar
Dickie, Matt. M., B.D., min., 56 Cotham rd., Bristol
Dickie, Robert, M.A., minister, Longriggend
Dickie, Robt., M.A., teacher, Skelmorlie
Dickie, William, M.A., min., Lynnwood, Partick
Dickson, Alex., M.B.,C.M., Lilybank, Baillieston
Dickson, Charles S., M.A., advocate, Edinburgh
Dickson, George, M.D., C.M., 31 Buckingham terrace, Glasgow
Dickson, James D. H., M.A., fellow, Peter house, Cambridge
Dickson, James G., M.D., Newton-Stewart
Dickson, John, M.B., Lindley, Huddersfield
Dickson, Joseph H., M.B., C.M., 80 Lowther st., Whitehaven
Dickson, Matt. S., M.A., st., Townhead, Motherwell
Dickson, Robinson S., M.B., C.M., 80 Lowther street, Whitehaven
Dickson, Thomas S., M.A., min., 26 St. Alban's road, Edinburgh
Dickson, William P., D.D., LL.D., ex-professor, 16 Victoria cres., Glasgow
Dillon, Andrew, M.D., Ballaghaderrin
Dingwall, Alex., M.A., M.B., C.M., F.C. Manse, Aultbea
Dinsmore, George H. J., M.B., C.M., Coldstream
Dinsmore, Wm., M.B., C.M., Poyntzpass, co. Down
Dinwoodie, Dav., M.B., C.M., 3 Queen st., L'maben
Dinwoodie, Wm., M.D., C.M., Otterburn
Dittmar, Aug., B.Sc., engin., 16 W. Princes st., Gl.
Dittmar, Fred., M.A., M.D., C.M., 16 W. Princes street, Glasgow
Divine, John, M.B., C.M., Killamarsh, Rotherham
Divine, Thomas, M.B., C.M., Auston, Rotherham
Doak, And., M.A., min., 15 Queen's rd., Aberdeen
Doak, Robt. A., M.A., B.L., writer, Neilston
Doak, Wm. F., M.A., Naut. Almanac Off., Gray's Inn, London.
Dobbie, Alex. B., B.Sc., engineer, 24 W. Cumberland street, Glasgow
Dobbie, James, B.L., solicitor, Port st., Stirling
Dobbie, James J., D.Sc., professor, Bangor, Wales
Dobbie, Thomas, min., 4 N. Park ter., Glasgow
Dobbin, John, M.B., C.M., 35 Monteith row, Glasgow

Dobie, Henry E. N., M.B., C.M., 89 Grant street, Glasgow
Dobie, William Jardine, minister, Kinghorn
Dock, William, M.A., rector, Gram. sch., Dunoon
Dodd, Benj. H., M.A., teacher, 259 Cheetham Hill road, Manchester
Dodd, John, M.B., C.M., Shepshed, Leicester
Dodd, Wm. G., M.A., tch., 31 Gardner st., Partick
Dodds, Alex., M.B., C.M., Howgate, Kilwinning
Dodds, James, D.D., minister, Corstorphine
Dodds, James M., M.A., Dover house, London
Dodds, John M., M.A., Fellow, St. Peter's Cambridge
Dods, Geo., B.D., minister, Barr
Don, John, M.A., M.B., C.M., 3 Elgin st., Clydebank
Don, Wm. W., M.D., C.M., 52 Canfield gardens, London
Donald, Andrew, M.B., C.M., 6 Octavia st., Port-Glasgow
Donald, Arch., M.B., C.M., 5 Gauze street, Paisley
Donald, David, M.D., C.M., St. Monans, Streatham, London, S.W.
Donald, Dun. M., M.A., min., Moulin, Pitlochry
Donald, George, M.D., C.M., 46 Ferry rd., Leith
Donald, George, M.A., tch., 224 Meadowpark st., Glasgow
Donald, Hugh C., M.B., C.M., 5 Gauze st., Paisley
Donald, Jas., M.B., C.M., Altrincham, Cheshire
Donald, John, M.A., M.B., C.M., 38 Atholl gns, Kelvinside
Donald, John, M.D., C.M., Dechmont, Mt. Vernon
Donald, Patrick D., B.Sc., C.E., Perak, Straits Settlements
Donald. William, M.A., stu., Sherbrooke avenue, Pollokshields
Donaldson, Alex., M.A., tch., pub. sch., Udding.
Donaldson, Arch., M.D., C.M., Lauriston, Dunscore
Donaldson, Joseph, M.A., minister, Fermoy, Cork
Donaldson, Peter, M.A., student, Muthill, Perth
Donaldson, Wm., M.B., C.M., Bridgend, Kilbirnie
Doonan, John A. C., M.B., C.M., 95 Shaw st., L'pool
Dougal, Daniel, M.D., Strathaven
Dougal, Wm. T., M.B., C.M., Overton, Strathaven
Dougal, James, M.D., C.M., Strathaven
Dougall, Chas. S., M.A., tch., Kippen, Stirling
Dougall, Fra. G., writer, 167 Canning st., Glasgow
Dougall, John, M.A., teacher, Kippen, Stirling
Dougall, John, M.D., C.M., Belmar ter., P'shields
Dougall, John M'P., M.D., C.M., Wellburn, York
Dougan, Wm., M.D., C.M., 19 Royal cres., Glasgow
Douglas, Charles, M.A., teacher, 66 Cambridge dr., Glasgow
Douglas, Donald, M.A. stud., Kelburn, Fairlie
Douglas, George C. M., D.D., principal, Glasgow
Douglas, John B., M.A., writer, 157 St. Vincent street, Glasgow
Douglas, John M., stockbroker, College rd., London
Douglas, John C., M.B., 5 Ardgowan street, W., Greenock
Douglas, John C., M.D., St. Ninians, Whithorn
Douglas, John H., M.B., C.M., St. Ninians, Whithorn
Douglas, Robert, M.B., C.M., Castleton, Innellan
Douglas, Robert B., B.D., min., Jalna, India
Douglas, Robert B., M.A., min., Johannesburg
Dove, Hector, B.Sc., tch., 33 Afton st., Langside
Dow, Donald N., M.A., prb., 5 Franklin ter., Glas.
Dow, Jas. C., M.B., C.M., Lorne house, Millport
Dowie, John D., M.A., stu., Marionville, Dumbreck
Downes, Joseph L., M.B., C.M., 271 Romford road, London
Downie, John, B.D., minister, Newcastle, N.S.W.
Downie, John S., M.A., teacher, Mearns, Glasgow
Downie, James W., M.B., C.M., 4 Woodside cres., Glasgow.
Downie, Neil, M.B., C.M., 535 Eglinton st., Glasgow
Downie, Thomas T., M.B., C.M., 266 Queen's parade., Melbourne
Downie, Wm., M.A., M.B., C.M., 26 Paisley rd., Glas.
Downs, John E., M.B., C.M., Woodhouse, Blantyre
Downs, Wm. C., M.B., C.M., Helensv'le, M'therwell
Doyle, Edward A., M.B., C.M., Leigh, Lancashire
Doyle, Wm., M.B., C.M., Birch house, Leigh, Lancs.
Drennan, Jas. W., M.A., min., Innerleven, Fife
Drever, Jas. R., M.A., tch., 13 East rd., Kirkwall
Drew, John, M.D., C.M., 28 Albert pl., Stirling
Drummond, Alex. S., M.A., writer, 194 St. Vincent street, Glasgow
Drummond, David, minister, Dornoch
Drummond, James, M.D., C.M., 5 Albion terrace, South Shields
Drummond, John, M.B., C.M., 19 Princes st., Port-Glasgow
Drummond, Peter, M.A., M.B., C.M., Thornhill, Dumfries
Drummond, Robert J., B.D., minister, 7 Chalmers street, Edinburgh
Drummond, Robert S., D.D., minister, 50 Westbourne gardens, Glasgow
Dryburgh, William, B.D., minister, Swalwell
Drysdale, John, M.A., C.A., Buenos Ayres
Dubs, Fred. E., M.A., barrister, 39 Lansdowne crescent, London
Dudgeon, John, M.D., C.M., Pekin
Duff, Archibald, D.D., minister, Quebec
Duff, James K., M.A., M.B., C.M., 2 Spencer ter., Fulham, London, S.W.
Duff, James, M.A., S.S.C., 50 George st., Edin.
Duff, John, M.D., C.M., 5 Abbey st., Chester
Duff, Robt. A., M.A., student, Ardenlea, Lenzie
Duff, Robert S., M.A., D.D., minister, 21 Bute gardens, Glasgow
Duke, John A., M.A., stud., F.C. Manse, Campsie
Dun, Wm. G., M.D., C.M., 15 Royal cr., Glasgow
Dunbar, Mich. S., M.A., minister, Downpatrick
Dunbar, Robert P., M.D., Park house, Blackburn
Duncan, Alex., M.B., C.M., 23 Granville pl., Glas.
Duncan, Alex. A., B.D., probationer, Rosehearty
Duncan, Archibald, minister, Orphir, Orkney
Duncan, Daniel, min., 172 Bellfield st., Dennistoun
Duncan, Eben., M.D., C.M., Langside rd., Glasgow
Duncan, Fred. L., M.B., C.M., Stromness
Duncan, Geo., B.D., prob., Manse, Bridge-of-Weir
Duncan, Geo. G., M.D., R.N., Finnart, Greenock
Duncan, Hugh, B.D., min., Garturk, Coatbridge
Duncan, Hugh, LL.B., writer, 175 W. George st., Glasgow
Duncan, James, minister, Temple, Gorebridge
Duncan, James, M.D., C.M., 97 Causeyside, Paisley
Duncan, John M., adv., 37 Palmerston pl., Edinb'h
Duncan, Jno. M., M.A., tch., Sch'ho., Bishopton
Duncan, Moir, M.A., missionary, Shensi, China
Duncan, Wal., M.A., min., 29 Queen's rd., Doncaster
Duncan, Wm., M.D., C.M., Tyldesley, Manchester
Duncan, William G., B.D., minister, Biggar
Duncanson, James G., M.B., C.M., 1 Victoria terrace, South Shields

Duncanson, John C., M.B., C.M., Auchingramont, Hamilton
Dunlop, Alexander W., M.A., M.D., C.M., Tarbet, Loch Lomond
Dunlop, Douglas, M.A., inspector, Cairo
Dunlop, Ed., B.L., writer, 65 W. Regent st., Glas.
Dunlop, George, B.L., solicitor, 95 Newton street, Greenock
Dunlop, Henry B., major of militia, Barrhead
Dunlop, Jas, LL.B., law ap., 43 Hanover st., Edin.
Dunlop, James, M.D., 18 Carlton place, Glasgow
Dunlop, Jas., M.B., C.M., 298 Bath street, Glas.
Dunlop, James, M.B., C.M., 5 Westercraigs, Glas.
Dunlop, James, M.A., M.B., C.M., Aveley, Purfleet
Dunlop, Jas. S., M.A., stu., 95 Newton st., G'nock
Dunlop, John, M.B., C.M., Long Sutton, Lincs.
Dunlop, John, M.B., C.M., Overhall, Clackmannan
Dunlop, John, M.D., C.M., 1 Somerset pl., Glas.
Dunlop, John, M.A., tch., Annick L'dge sch., Irvine
Dunlop, John T., M.B., C.M., Borgue Academy, Kirkcudbright
Dunlop, Malcolm, M.A., law clerk, 95 Newton street, Greenock
Dunlop, Thomas, M.B., C.M., Thornhill, Dumfries
Dunlop, Thos. C., M.D., C.M., 9 Grafton pl., Glas.
Dunlop, Wm., min., 29 Melville st., Pollokshields
Dunlop, Wm., M.B., C.M., 1 Somerset pl., Glas.
Dunlop, Wm., M.A., min., U.P. Manse, Buckhaven
Dunn, James D., missionary, Old Cassop, Ferryhill
Dunn, John P., M.B., C.M., 5 Douglas st., Glas.
Dunn, Thos. B., M.B., C.M., Stroud Gn. rd., Lon. N.
Dunn, Thos. S., M.B., C.M., Piet Retief, Transvaal
Dunning, Matt., M.B., C.M., 3 Alexandra st., Partick
Dunsmuir, Robert, M.B., C.M., Doonbank, Patna
Durran, James, M.A., min., 6 Fettes Row, Edin.
Dyer, Hry., D.Sc., C.E., 8 Highburgh ter., Dowanhill
Dykes, Alex. B., M.A., min., 8 Hart st., Edinburgh
Dykes, John, minister, Bent, Lesmahagow
Dykes, Thos., LL.B., writer, 113 W. Regent st., Glas.
Dykes, Thomas, D.D., minister, Ayr
Dymock, John, M.A., minister, Kemnay
Dysart, John, M.D., Port Glenone, Ireland

Eadie, Geo. A., M.B., C.M., Bendigo, Australia
Eadie, Jas., B.D., prob., 108 Woodlands rd., Glas.
Eadie, John M., M.B., C.M., Sandhurst, Australia
Eaglesham, Dd., M.A., stu., Ramageton, Mauchline
Eason, Jas., M.A., min., 7 Keir st., Pollokshields
Easton, David, M.D., Stranraer
Easton, Wm. C., B.Sc., C.E., Redholm, Helensburgh
Eaton, John, M.D., C.M., Montreal ho., Cleator Moor
Eatwell, William C. B., M.D., C.M., 69 Inverness terrace, London, W.
Eckersley, Ed. A., M.B., C.M., 36 Lawrence road, Southsea
Ecklin, Wm., M.B., C.M., High st., Mortlake, Lond.
Eddowes, John H., M.D., Loughborough
Edgar, Geo., M.B., C.M., 24 Union st., Greenock
Edgar, John, M.A., clas. master, 4 Alfred pl., Edin.
Edgar, John, M.A., B.Sc., M.B., C.M., 5 Queen's cr., Glasgow
Edgar, Robert, M.A., tch., 128 Woodlands rd., Glas.
Edington, George H., M.D., C.M., 14 Buckingham terrace, Hillhead
Edington, Patrick F. W., B.L., writ., 14 Buckingham terrace, Hillhead
Edward, Alex. K., M.A., tch., Rowantreebank, Alexandria
Edward, Jas. M., M.A., tch., 17 Robertson street, Greenock
Edwardes, David E., M.A., rector of Hodgeston
Edwards, Edward D., M.A., principal, Academy, Pontypridd
Edwards, John, M.A., teacher, Carluke
Edwards, Rich. J., M.B., C.M., Talysarn, Carnarvon
Edwards, Wm. B., M.B., C.M., Porth, Pontypridd
Elder, Andrew, minister, Meikleriggs, Paisley
Elder, Geo., M.D., C.M., 17 Regent st., Nottingham
Elder, John L., M.A., minister, Coldstream
Elgar, Francis, LL.D., naval architect, 18 York terrace, Regent's Park, London, N.W.
Elles, Malcolm Jamieson, merchant, Oporto
Elliott, Frank, M.B., C.M., Barrhead
Elliott, Robt., B.Sc., surveyor, 2 White Lion court, Cornhill, London, E.C.
English, Sam., M.B., C.M., Ballany ho., Dromore
English, William W., D.C.L., ex-rector, 92 Clifton Hill, London
Erskine, Dav., M.B., C.M., 241 Buchanan st., Glas.
Erskine, Jas., M.A., M.B., C.M., 351 Bath st., Glas.
Erskine, William D., M.B., C.M., c/o Grindlay, Groom & Co., Bombay
Evans, Alfred E., M.B., C.M., 8 Salisbury street, Skipton, Yorks.
Evans, Evan K., M.A., prof., Newcastle Emlyn, South Wales
Evans, Geo., M.A., min., Brookfield, Gorton
Evans, Thomas B., M.A., min., Heywood, Lancs.
Evans, Usher W., M.D., 20 Apsley rd., Clifton, Bristol
Evans, William, M.A., minister, Pembroke Dock
Evans, Wm. L., M.A., tch., Hunt's Point, N. York
Evanson, Morgan, B.Sc., clergy., Bridgend, Glam.
Everett, Joseph D., M.A., D.C.L., prof., Belfast

Fairbairn, Wm. D., M.A., min., Eccles, Manchester
Fairlie, Archibald, M.A., M.B., C.M., Bebside R.S.O., Northumberland
Fairlie, Henry A., minister, Kirkmichael
Falconer, John, min., 93 Morningside dr., Edin.
Farquhar, Jos., M.A., minister, Blackburn
Farquharson, Alex. C., B.Sc., M.D., C.M., Lichfield
Farquharson, James D., M.B., C.M., 242 Westgate road, Newcastle-on-Tyne
Faulds, Arch. G., M.B., C.M., 136 Stirling rd., Glas.
Faulds, Wm. C., M.B., C.M., 94 Stirling rd., Glas.
Fawns, Thos. W., M.A., teacher, 203 High street, Laurencekirk
Fedarb, Frederick, M.B., C.M., Auckland road, Southsea, Hants
Fenton, Henry A., M.B., C.M., 34 Harwood ter., Doncaster
Fenwick, James, B.Sc., C.E., Belmore, Sydney
Fenwick, Wm., M.D., 34 Aytoun rd., Pollokshields
Fergus, And. F., M.D., C.M., 203 Bath st., Glas.
Fergus, John, M.D., C.M., Cape Colony
Fergus, John F., M.A., M.D., C.M., 203 Bath st., Glas.
Fergus, John M., M.A., stud., Garturk st., Govanhill
Fergus, Robert M., M.A., min., Campbell Town, Tasmania
Fergus, Wm. H., M.B., C.M., Thropton manse, Morpeth
Ferguson, Alex., minister, North Knapdale
Ferguson, Alex. M., M.A., teacher, 154 Comely-park street, Glasgow
Ferguson, Alex. R., M.B., C.M., 1 Alexandra st., Partick

Ferguson, Arch. D., M.A., solicitor, 13 William st., Greenock
Ferguson, Archibald, minister, Alyth
Ferguson, Dan., M.A., stud., 22 Argyle st., Paisley
Ferguson, Daniel, M.A., tch., 21 Mill st., Paisley
Ferguson, Daniel, M.B., C.M., Apsley ho., Partick
Ferguson, David, min., Lochluichart, Dingwall
Ferguson, Donald, M.A., M.B., C.M., Lochaline, Morven
Ferguson, Dun., M.A., missy., Faiwanfoo, Formosa
Ferguson, Fergus, D.D., min., 4 Craigpk. ter., Glas.
Ferguson, Fergus, D.D., min., 33 Queen Mary av., Crosshill
Ferguson, Francis P. R., B.L., writer, 139 St. Vincent street, Glasgow
Ferguson, Geo., B.L., writer, 5 Princes sq., Glas.
Ferguson, Geo. G., M.B., C.M., 62 Holmdale road, London, N.W.
Ferguson, Homer L., B.Sc., naval arch., Washington, U.S.A.
Ferguson, Hugh, M.A., Benlake ho., Upp. Norwood
Ferguson, James, physician, Richmond, Surrey
Ferguson, James, M.B., C.M., 5 Charlotte st., Perth
Ferguson, Jas., B.D., prob., 33 Q. Mary Av., Crosshill
Ferguson, James T., M.A., minister, Cupar-Fife
Ferguson, John, M.A., LL.D., prof., 13 Newton place, Glasgow
Ferguson, John, M.A., min., Aberdalgie, Perth
Ferguson, John H., M.A., min., 14 Moss lane, L'pool
Ferguson, John L., B.L., wr., 139 St. Vincent st., Glasgow
Ferguson, Joshua, M.A., M.B., C.M., 1 Crossflat terrace, Paisley
Ferguson, Mat. T., M.A., journalist, 12 E. Mount rd., York
Ferguson, Peter, M.A., teacher, Grove lane, Stamford Hill, London, N.
Ferguson, Peter, M.B., C.M., Norwood, Pollokshields
Ferguson, Robert, M.D., C.M., 67 Hunter street, Newcastle, N.S.W.
Ferguson, Robert T., M.D., C.M., Anstruther
Ferguson, Wm. B. O., M.B., C.M., Benburb, Lenzie
Fergusson, David, B.L., solicitor, 29 Newmarket street, Ayr
Fergusson, David, M.A., stu., 17 Glenton ter., Glas.
Fergusson, Sir James, Bart., M.P., of Kilkerran
Fergusson, William, B.L., writer, 11 Rosevale terrace, Partick
Fernandez, Thomas F., M.D., Ross, Hereford
Ferrier, Robert M., B.Sc., lec., Col. of Sc., Newcastle-on-Tyne
Ferries, John, Edenkillie manse, Forres
Fielding, Thomas, M.D., C.M., Blandford, Dorset
Findlay, Alex. R., minister, Torrylin, Kilmorie
Findlay, And., M.B., C.M., 20 Carr road, Nelson, Lancashire
Findlay, Arth., M.A., agent, 27 Wellington st., Glas.
Findlay, Harry, M.B., C.M., 189 High st., Lond., N.
Findlay, James, M.D., Castle-Douglas
Findlay, Jas., merch., 11 Berkeley gns., Kensington
Findlay, Jas., M.A., writ., 41 W. George st., Glas.
Findlay, James, M.B., C.M., 11 Derwent street, Workington
Findlay, Jas., M.B., C.M., 341 London rd., Glasgow
Findlay, James, M.B., C.M., Lossiemouth
Findlay, James C., LL.B., writer, 4 Rowallan quad., Kelvinside
Findlay, John, minister, St. Oswald's, Kilmalcolm
Findlay, John A., M.A., minister, Sprouston, Kelso
Findlay, John W., M.B., C.M., 19 Westercraigs, Glasgow
Findlay, Walter S., M.A., student, 11 Stonefield terrace, Glasgow
Findlay, Wm., M.D., C.M., Westercraigs, Glasgow
Findlay, Wm., M.A., adv., 41 Great King st., Edin.
Findlay, Wm., B.L., writer, 226 W. George st., Glas.
Findlay, Wm. D., M.B., C.M., Georgefield, Lenzie
Finkelstein, Albert A., M.B., C.M., 33 W. Cumberland street, Glasgow
Finlay, David W., M.D., C.M., professor, Marischal College, Aberdeen
Finlay, David, M.D., C.M., Bridgend, Glamorgan
Finlay, Hunter, M.D., min., Springswall, Queens'd
Finlay, James, M.D., C.M., Helensburgh
Finlay, James D., M.B., C.M., Tarbert, Loch Fyne
Finlayson, Henry W., M.B., C.M., 109 Sandyford street, Glasgow
Finlayson, James, M.D., 2 Woodside pl., Glasgow
Finlayson, James, M.A., teacher, 2 Darnley ter., Shawlands
Finucane, Dan., M.D., H.M.S. Adelaide, Devonport
Fisher, Alex. B., M.A., teach., Abbey Green, The Knowes, Kelso
Fisher, Charles H., M.D., Sittingbourne
Fisher, Frederick B., M.D., C.M., 47 Mildmay park, London, N.
Fisher, James, M.B., C.M., Ford, Lochgilphead
Fisher, Jas. S., M.A., ins. manager, 15 Ure pl., Glas.
Fisher, John D., minister, Aberlemno, Forfar
Fitzhenry, Edward H., M.D., Waterloo, Liverpool
Fitzpatrick, James, minister, Lisburn
Fleck, William S., M.A., minister, Fairlie
Fleming, Andw. G., minister, Castlehead, Paisley
Fleming, Alf. J., M.A., LL.B., writer, 11 Crown terrace, Glasgow
Fleming, Archibald, min., Hamilton ho., Perth
Fleming, Arch., M.A., teacher, Lossiemouth
Fleming, Charles F., B.D., minister, Woodlands road, Middlesborough
Fleming, David, minister, Coxhoe, Durham
Fleming, Dav. P., LL.B., stu., 11 Crown ter., Glas.
Fleming, Jas. B., writer, Beaconsfield, Kelvinside
Fleming, James, minister, Whithorn
Fleming, Jas., M.A., min., Kettins, Coupar-Angus
Fleming, James, LL.B., writer, 100 W. Campbell street, Glasgow
Fleming, John, M.A., C.E., Minas de Rio Tinto, Spain
Fleming, John, writer, 241 St. Vincent st., Glasgow
Fleming, John, minister, Newtyle
Fleming, John T., M.A., tch., 14 Battlefield av., Langside
Fleming, Jos. M., M.D., Caledonian Club, Edinb'h
Fleming, Robert S., M.A., minister, 7 Manor rd., Beckenham
Fleming, Thomas, M.D., C.M., Lochfield, Darvel
Fleming, Thos. M'C., M.A., minister, Cupar-Fife
Fleming, Wm., min., Merchiston cr., Edinburgh
Fleming, Wm. J., M.D., 3 Woodside ter., Glasgow
Fletcher, Isaac, M.B., C.M., John st., Workington
Fletcher, John C., M.B., C.M., 149 Camden road, London
Fletcher, Thos. M., M.B., C.M., 194 London rd., Glasgow
Flint, Alex., M.A., tch., 952 Pollokshaws rd., Glas.

Flint, Robert, D.D., LL.D., professor, Edinburgh
Flower, Jas. E., M.A., sec., 6 Ridge rd., London, N.
Fogo, David, LL.D., Edgecliffe, St. Andrews
Fogo, George L., M.A., minister, Torthorwald
Forbes, John T., M.A., min., 7 Royal cr., Edinb'h
Forbes, Robert T., M.B., C.M., Breaston, Derby
Forbes, Thos. J. L., M.B., C.M., Western Inf., Glas.
Ford, George J., M.A., tch., 36 Otago st., Hillhead
Forfar, Alex., M.A., tch., Burnside, Bannockburn
Forman, Robert H., M.B., C.M., surgeon major, London, S.W.
Forrest, Alfred, M.A., M.B., C.M., 6 Whitevale street, Glasgow
Forrest, Alex., M.B., C.M., Kersewell, Carnwath
Forrest, David W., M.A., minister, Wellington church, Glasgow
Forrest, James L., M.B., C.M., 3 Victoria terrace, Mount Florida
Forrest, John, M.D., Motherwell
Forrest, Robert W., M.D., C.M., 214 Cumberland street, Glasgow
Forrest, Robt. W., M.B., C.M., 114 Dixon av., Glas.
Forrest, Thos., M.B., C.M., 12 Royal ter., Cr'shill
Forrest, Sir Wm., Bart., late captain, Lothianburn
Forrester, And., W.S., 3 Clarendon cr., Edinburgh
Forrester, Jas., M.B., C.M., 107 Ingram st., Glasgow
Forrester, Wm. R., M.B., C.M., Gleneden, Lenzie
Forster, Jas., M.B., C.M., W. Stanley, Newcastle-on-Tyne
Forsyth, Alex., M.D., C.M., 12 Park pl., Greenwich
Forsyth, David, M.A., D.Sc., Principal, Higher Grade School, Leeds
Forsyth, Hugh A., teacher, Fauldhouse, Whitburn
Forsyth, John, M.A., B.Sc., teacher, 21 Gibson street, Hillhead
Forsyth, John M., M.A., teacher, Thornliebank
Forsyth, Robt., M.D., C.M., Newhall, Birstall, Leeds
Forsyth, Robert, M.B., C.M., Viewpark, Carstairs
Fotheringham, David H., M.A., M.B., C.M., Clydeview, Upper Skelmorlie
Fotheringham, John, M.B., C.M., Rosshill, Motherwell
Foulds, James R., M.B., C.M., Corsehill, Stewarton
Fox, Walter, M.B., C.M., 189 High street, Stoke Newington, London, N.
Frame, David, M.A., M.D., C.M., Carstairs Junction
Francis, David L., M.A., min., Raith, Kirkcaldy
Francis, Jas., M.A., tch., 97 Greenhead st., Glas.
Fraser, Alexander, M.B., C.M., prof., 24 Leeson park, Dublin
Fraser, Alex., M.A., stu., 48 Hunter ter., Glasgow
Fraser, Charles F. P., LL.B., writer, 2 Grosvenor crescent, Glasgow
Fraser, Daniel, M.A., LL.D., Airedale Col., Bradford
Fraser, Donald, M.D., C.M., Paisley
Fraser, John, minister, Park road, Brechin
Fraser, John, M.A., M.D., Wolverhampton
Fraser, John J., M.B., C.M., Ardival, Strathpeffer
Fraser, Matthew P., LL.B., writer, 2 Heriot row, Edinburgh
Fraser, Norman, B.D., min., Saffronhall, Hamilton
Fraser, Peter, M.D., Leyland, Preston
Fraser, Robert M., M.A., M.B., C.M., 1 York gns., Ilford, London, E.
Fraser, Simon, M.A., teacher, Dowanhill sch., P'tick
Fraser, William, M.B., C.M., St. Mary's hospital, Manchester
Fraser, Wm. G., minister, Sutton, near Chester
Frazer, Jas. G., M.A., LL.D., Fellow, Cambridge
Frazer, Joseph M., B.D., min., 4 Moray place, Strathbungo
Free, Richard W., B.D., clerk in Holy Orders, 22 Willow road, London, N.W.
Freebairn, John B., M.A., tch., 49 Roslynn ter., Glasgow
Freebairn, Robert J., M.B., C.M., Tilt Cove, Newfoundland
Freeland, Andrew, M.D., C.M., 85 Stanhope ter., Liverpool
Freeland, John, M.A., min., Innerwick, Dunbar
Freeland, Richard, M.D., C.M., Broxburn
Frew, Alex., M.B., C.M., Glendevon, Helensburgh
Frew, David, B.D., minister, Urr, Dalbeattie
Frew, James F., M.B., C.M., Ellenbank, Strathaven
Frew, John, M.B., C.M., 15 Hayburn cr., Partick
Frew, Robert S., M.B., C.M., 21 Camphill quad., Langside
Friskin, Chas., min., Mt. Pleasant, Spennymoor
Fryer, William F., M.D., Clonburrin, Ireland
Fullarton, Alex. C., min., 12 Albert rd., E., Glasgow
Fullarton, Wm., M.A., min., Dalton, Lockerbie
Fullarton, Arch., min., Mountain view, Greenock
Fullarton, James, M.A., M.B., C.M., Brodick
Fullarton, John H., M.A., D.Sc., Fish'y Bd., Edin.
Fullarton, Neil, M.B., C.M., Lamlash, Arran
Fullarton, Robert, M.A., student, Thornwood, Kilmalcolm
Fullarton, Thomas, minister, Mainsriddell
Fullarton, William W., M.B., Ballantrae
Fulton, And. B., M.B., C.M., Irondale, Muirkirk
Fulton, Geo. C. H., M.B., C.M., S. Eston, Middlesbro'
Fulton, John, M.A., stud., 26 Carnarvon st., Glas.
Fulton, Robt., B.D., prob., Crossbrae, Kilwinning
Fulton, Thomas, M.D., Saintfield, co. Down
Fulton, Wm., M.B., C.M., Beechgrove, Kilbirnie
Fulton, Wm., M.A., min., 71 Coatbank st., Coatbr'ge
Fyfe, Henry B., B.L., writer, 115 St. Vincent street, Glasgow
Fyfe, William W., M.B., C.M., Seaview, Cardross
Fyffe, Edward H., M.B., C.M., Fitzroy, Melbourne

Gaff, James D., M.D., C.M., 160 Kensington road, London, S.E.
Gairdner, John F. R., M.B., C.M., 9 The Coll., Glas.
Gairdner, Wm. T., M.D., LL.D., F.R.S., prof., Gl.
Galbraith, Angus, minister, Brighouse, Yorks.
Galbraith, John S., B.L., writer, 2 Doune ter., Glas.
Galbraith, Robt. S., B.Sc., C.E., 11 Princes sq., Glas.
Galbraith, Wm. G., M.A., B.L., writer, 11 Burnbank terrace, Glasgow
Galbraith, Wal. S, law clerk, 93 N. Fred. st., Glas.
Gallie, Charles P., M.B., C.M., 129 Camberwell road, London, S.E.
Galloway, Allan, M.D., C.M., 4 Lyle st., Greenock
Galloway, And. F., M.B., C.M., Heath bk., Bothwell
Galloway, James, M.A., 37 Amherst road, South Shacklewell
Galloway, John, M.B., C.M., Rhayader, Radnor
Galloway, John, M.A., minister, Kintore
Galloway, Thos. L., M.A., M.Eng., Campbeltown
Galloway, Wm. B., M.A., min., 37 Belsize sq., Lon.
Galt, Alex., B.Sc., Phys. Lab., Univ., Glasgow
Galt, Hugh, M.B., C.M., 9 Franklin ter., Glasgow
Galt, Wal. A., B.D., min., 18 Lysways st., Walsall
Gardiner, Hen. N., M.B., C.M., 80 Railw'y st., Nelson
Gardiner, John A., minister, Manly, N.S.W.

Gardiner, John, M.D., Preston park, Brighton
Gardiner, John, chaplain, Barnhill, Glasgow
Gardiner, Joseph, M.A., minister, Macduff
Gardiner, Mat. H., M.A., M.B., C.M., Little Green, Richmond
Gardiner, Peter, M.D., C.M., Camborne, Cornwall
Gardiner, Wm., M.D., C.M., Ashton-under-Lyne
Gardner, David, M.B., C.M., 84 High st., Paisley
Gardner, James, M.B., C.M., Royton, Oldham
Gardner, James, M.B., C.M., 27 Taylor st., Glas.
Gardner, Jas. W., M.A., stu., 21 Westercraigs, Glas.
Gardner, Rob., B.D., minister, Bo'ness
Gardner, Robert I., M.B., C.M., 227 Bath st., Glas.
Garrett, Thomas C., M.B., C.M., Ballaghennie, Bride, Isle of Man
Gartshore, John F., M.A., stud., Racona, Cathcart
Garvie, Alf. E., B.D., minister, Montrose
Gay, Herbert M., M.B., C.M., 2 Loudon ter., Glas.
Gebbie, Francis, sheriff-substitute, Dumbarton
Gebbie, James, writer, Netherfield, Strathaven
Geddes, Francis G., B.D., probationer, 5 George street, Dumfries
Geddes, Robt. J., M.B., C.M., 5 George st., Dumfries
Gell, John M., M.B., C.M., Infirmary, Macclesfield
Gelston, Robert R., M.D., 68 George st., Limerick
Gemmell, Alex., M.A., tch., academy, Greenock
Gemmell, Andrew, M.A., teacher, Valparaiso
Gemmell, Andrew, B.D., minister, Ford
Gemmell, Hugh, B.D., minister, Johnstone
Gemmel, Henry S., M.A., stockbroker, 40 W. Nile street, Glasgow
Gemmel, James, M.D., C.M., Milton ho., Dunoon
Gemmel, James F., M.B., C.M., Milton ho., Dunoon
Gemmell, John, M.A., tch., Luing, by Oban
Gemmell, John, M.A., teacher, 367 Duke st., Glas.
Gemmell, John W., M.A., teacher, 11 Rosslyn ter., Kelvinside
Gemmell, Robt. H., M.B., C.M., Oxenford, Rothesay
Gemmell, Samson, M.D., C.M., 17 Woodside pl., Glasgow
Gemmel, William B., M.A., writer, 5 Sardinia terrace, Hillhead
Gemmell, Thos. P., M.B., C.M., Sorn bank, Airdrie
Gemmell, Wm., M.B., C.M., 180 Wightman road, London, N.
Gemmell, Wm., M.D., C.M., Wallace st., Galston
Gemmill, James F., M.A., M.B., C.M., Parklea, Dumbreck
Gentle, James A., M.B., C.M., Goole, Yorkshire
Gentles, Andrew, M.A., min., U.P. manse, Stow
Gentles, Harry W., M.B., C.M., Abbeymanse, Paisl'y
Gentles, Nor., B.L., writ., Abbey manse, Paisley
Gentles, Thos. A., LL.B., writ., Abbey manse, Paisl'y
George, Jas. A., M.A., min., St. John's, Montrose
Gibb, Wm., M.B., C.M., Barnhill hospital, Glas.
Gibb, William F., M.D., C.M., 54 High st., Paisley
Gibbs, Edw. J., M.A., 13 Callcott rd., Lon., N.W.
Giblin, Wm. J., M.B., C.M., 162 New City rd., Glas.
Gibson, Edwin A., M.B., C.M., 30 Carrington st., Glasgow
Gibson, Geo. A., M.A., prof., 183 Renfrew st., Glas.
Gibson, Henry, M.A., min., 2 Queen's cres., Glas.
Gibson, Jas., M.A., tch., Dennistoun sch., Glas.
Gibson, James, M.B., C.M., Westvale, Halifax
Gibson, Jas. A., B.L., writer, 58 Renfield st., Glas.
Gibson, James D. W., B.D., minister, Carmichael
Gibson, John, M.A., teacher, Baldernock
Gibson, John B., M.D., Irvine
Gibson, John C., M.A., min., 36 Windsor ter., Glas.
Gibson, John R., M.D., C.M., 82 High st., Paisley
Gibson, Laurence M., M.A., min., 111 Abbey rd., London, N.W.
Gibson, Robert, min., Woodend av., Old Cathcart
Gibson, William J., M.A., teacher, Stornoway
Giffen, And. B., M.A., prob., 44 Albert dr., Crosshill
Giffen, Mungo, min., 14 Inverleith gar., Edinb'gh
Gifford, Jas., M.A., tch., 8 Seafield cot., Jordanhill
Gilbert, John, B.D., minister, Howwood
Gilchrist, Andrew S., B.D., probationer, Arthur's Crag, Lanark
Gilchrist, Edward J., B.D., minister, Constitution hill, Ipswich
Gilchrist, Jas., M.B., C.M., 644 Gallowgate st., Glas.
Gilchrist, Miss Marion, M.B., C.M., Bothwell
Gilchrist, Robert, minister, F.C. manse, Shotts
Gilchrist, Robert M., M.B., C.M., 308 Derby street, Bolton-le-Moors
Gilchrist, Thomas B., M.D., C.M., 35 William street, Helensburgh
Gilfillan, Jas., M.A., min., Longtown, Cumberland
Gillan, Dav. H., B.D., prob., Zambesi cot., Hamilton
Gillan, George G., M.A., manse, Carmunnock
Gillan, John, M.A., M.B., C.M., Schoolho., Inkerm'n
Gillespie, Jas., M.B., C.M., Newall ter., Dumfries
Gillespie, Jas., M.A., stud., Free W. Manse, Airdrie
Gillespie, Jas. H., B.D., assist. minister, 5 Union street, Largs
Gillespie, John, M.A., LL.D., minister, Mouswald
Gillespie John P., M.B., C.M., 248 Sauchiehall st., Glasgow
Gillies, Dugald, minister, Bernera, Lochmaddy
Gillies, Hugh C., M.D., C.M., 167 Fenchurch st., Lon.
Gillies, John, M.A., min., Flemington, Melbourne
Gillies, Malcolm, M.B., C.M., Easdale, by Oban
Gillies, William, minister, 35 Ann st., Edinburgh
Gillies, William K., M.A., stu., Gateside, Beith
Gillison, Hen. T., B.D., prob., F.C. manse, Fossoway
Gillon, Geo. G., M.D., C.M., Wellington, N.Z.
Gilmore, Samuel, physician, Castle Blayney
Gilmour, John, minister, Burnbank, Hamilton
Gilmour, John, M.B., C.M., The Craigs, Duntocher
Gilmour, William M., M.D., Copland rd., Govan
Gilroy, James, M.B., C.M., Waterbeck, Ecclefechan
Gilroy, Robert C., M.B., C.M., Kirkton, Neilston
Girvan, Alex., M.B., C.M., Whitehall, Maybole
Girvan, David W., M.B., C.M., Whitehall, Maybole
Girvan, Hugh, M.D., C.M., Whitehall, Maybole
Girvan, John, minister, F.C. manse, Maryhill
Girvan, John, M.A., stud., 227 N. Woodside road, Glasgow
Gladstone, James M. R., M.A., minister, 19 Ardmillan ter., Dalry, Edinburgh
Glaister, John, M.D., 4 Grafton place, Glasgow
Glaister, Jos. N., M.B., C.M., 4 Grafton pl., Glasgow
Glaister, Richard, B.D., prob., Westport, Lanark
Gledhill, James, M.B., C.M., 4 St. James' square, Manchester
Glen, Daniel M., M.B., C.M., 2 Westbank terrace, Hillhead
Glen, David, M.B., C.M., 70 W. Bridgend, Dumbarton
Glen, James, M.D., C.M., Southbank, Yorkshire
Glen, James, M.A., 32 Berkeley ter., Glasgow
Glen, John, M.B., C.M., Grangetown, Yorkshire
Glen, Ninian, M.A., B.Sc., C.A., 101 St. Vincent street, Glasgow

Glendinning, James, M.D., asylum, Abergavenny
Glover, Matthew, M.A., teacher, public school, Lesmahagow
Goff, Bruce E., M.B., C.M., 2 Belgrave ter., Brighton
Goff, Bruce, M.D., Bothwell
Goff, John, M.D., C.M., Bothwell
Goldie, Andrew, M.A., minister, Glenisla, Alyth
Goldie, Thos., M.A., min., U. P. manse, Newlands
Goodfellow, James A., M.B., C.M., New Brampton, Chesterfield
Goodman, Hyam, M.A., stu., 29 Thistle st., Glas.
Goodrich, Miss Edith E., M.B., C.M., Whalley Range, Manchester
Gordon, Alex., M.A., minister, 26 Falkland road, Egremont
Gordon, Chas. M., M.A., tch., 54 Miller st., Glas.
Gordon, George, M.B., C.M., Helmsdale
Gordon, Henry, of Moatbrae, Dumfries
Gordon, James, min., Twynholm, Castle-Douglas
Gordon, James, M.B., C.M., Summerlee Works, Coatbridge
Gordon, John, M.B., C.M., 6 Maxwell ter., P'shields
Gordon, Robert P. R., M.A., M.B., C.M., Montana, U.S.A.
Gordon, Thos., B.D., min., Edgerston, Jedburgh
Gordon, William I., M.A., minister, Tongueland
Gorrie, James, minister, Sorbie
Gorst, Sir John E., LL.D., Q.C., M.P., Lawford house, Manningtree
Gotto, Arthur, B.Sc., C.E., Princes Dock, Belfast
Goudie, Wm. J., B.Sc., C.E., 92 Albert dr., Crosshill
Gould, George P., M.A., principal, 47 Gloucester road, London, N.W.
Gourlay, Jas., B.Sc., engineer, 11 Crown gns., Glas.
Gourlay, Rob., M.B., C.M., St. James' ter., Oldham
Gourlay, Wm. R., M.A., I.C.S., Linden lod., Dow'hill
Gourley, Samuel, M.D., West Hartlepool
Govan, Horace E., M.A., editor, Thorntonhall
Gow, William, M.A., Ph.D., underwriter, London Assurance, Beaver street, New York
Gow, Wm., M.A., stu., Blairgowrie rd., Cupar Angus
Gowans, Adam L., M.A., publisher, Hazeldean, Langside
Gowans, Jas., M.B., C.M., Spring lod., Bro'ty-Ferry
Gracie, Farquhar, M.B., C.M., Roshven, Moidart
Graham, Andw., M.B., C.M., Thatto Heath, St. H'lns
Graham, Ernest W., M.B., C.M., Old Kilpatrick
Graham, James, LL.D., writer, Glasgow
Graham, James, minister, 30 Adelphi st., Glasgow
Graham, James, jun., B.L., writer, 198 W. George street, Glasgow
Graham, Jas. D., M.A., tch., Hamilton vil., Ayr
Graham, Jas. D., M.B., C.M., Hamilton Villa, Ayr
Graham, James G., M.A., M.B., C.M., 5 Ashgrove terrace, Partick
Graham, James T., min., Nithdene, Dumbreck
Graham, John, M.B., C.M., 21 Herriet st., P'kshields
Graham, John, lt.-col., Un. Serv. Inst., Whitehall, London, S.W.
Graham, John A., M.B., C.M., 3 Garthland pl., P'ley
Graham, John T., M.D., C.M., 4 Athole cr., Perth
Graham, Manners H., minister, Maxton manse
Graham, Thomas, M.D., 2 Garthland pl., Paisley
Graham, Thomas, Leamington
Graham, Thomas D. C., Dunlop house, Stewarton
Graham, Thos., B.L., solic., 19 Barnton ter., Edin.
Graham, Walter, M.B., C.M., 84 Main st., Renton
Graham, Wm., J.P., C.A., Erines, Tarbert
Graham, Wm., M.A., writer, 123 St. Vincent street, Glasgow
Graham, Wm., B.L., writ., 11 Claremont ter., Glas.
Grahame, Jas., C.A., Western Club, Glasgow
Grange, James W., M.D., C.M., Hope villas, Kersal, Manchester
Granger, William, M.A., min., St. Leonard's, Ayr
Grant, Alex. B., M.A., stud., 7 Athole gds., Glas.
Grant, Alfred A. C., M.B., C.M., Glenurquhart, Inverness
Grant, Chas. C., M.B., C.M., Cymmer, Glamorgan.
Grant, Charles M., M.A., minister, Dundee
Grant, David, M.B., C.M., 29 High st., Inverness
Grant, Fran. L., M.A., tch., 58 Kelvingrove st., Glas.
Grant, James B., B.D., min., 278 Bath st., Glas.
Grant, James H., M.A., stockbroker, Lenzie
Grant, John, B.L., writer, 58 Kelvingrove st., Glas.
Grant, John H., M.A., stud., Blairanna, Renton
Grant, Peter N., M.B., C.M., Dean house, Lenzie
Grant, William, M.D., C.M., Croft park, Blantyre
Gray, Adam, M.A., minister, Kirn
Gray, Albert A., M.D., C.M., Fir bank, P'kshields
Gray, Alex., M.B., C.M., Barkerend rd., Bradford
Gray, Alex., M.A., min., Beacon st., Penrith
Gray, Alexander H., M.D., Wheatfield, Lanark
Gray, Alex. M., B.L., writer, 1 Eton gardens, H'head
Gray, And., M.A., teacher, Craigholm, Milngavie
Gray, Andrew, minister, Castle road, Cathcart
Gray, Andw., M.A., LL.D., F.R.S., prof., Bangor
Gray, And., M.B., C.M., Riverside ho., Old Cumn'k
Gray, Chas., M.B., C.M., 72 Stephen st., Salford
Gray, David, M.A., Gartloch, Moodiesburn
Gray, David C., M.B., C.M., 1 Eton gns, Hillhead
Gray, Donald, minister, Saltcoats
Gray, Donald, M.A., minister, Logie, Cupar-Fife
Gray, Harry St. C., M.D., C.M., 15 Newton ter., Glas.
Gray, James, B.D., min., Brackenlea, Cathcart
Gray, Jas. H., M.A., barrister, Temple, London
Gray, Jas. N., M.A., stu., Carisbrook, Helensb'gh
Gray, John, B.D., min., 1 Bute mans., Hillhead
Gray, John, M.A., minister, Baillieston
Gray, John, M.A., stud., Blairtum pk., Ruth'glen
Gray, John, B.Sc., engin., 2 Royal cir., Edinurgh
Gray, John G., M.B., C.M., 2 Montgomerie st., Kelvinside
Gray, Robert, min., 8 Millerfield pl., Edinburgh
Gray, Wm. L., M.B., C.M., Hawthornden, Ibroxh'lm
Green, Edw. F. S., M.D., C.M., Woodside, S. Norwood, London, S.E.
Green, George K., M.A., minister, Kendal
Green, John A., M.B., C.M., Henrietta cot., Galston
Green, Joseph, M.B., C.M., Methven, Partick
Green, Thomas W., M.D., Rawtenstall
Greener, Michael H., M.B., C.M., Clare st., Cardiff
Greenhill, Robert, M.B., C.M., 185 New Dalmarnock road, Glasgow
Greenhorne, Wm., M.A., tch., 3 Victoria gns, Part'k
Greenlees, Gavin, merch., 25 Iona pl., Mt. Florida
Greenshields, James, B.D., min., F.C., Muirkirk
Greenshields, Robert, M.A., student, 51 Thomaston street, Liverpool
Gregory, Alex., M.A., minister, Wooler
Gregory, Thomas, M.A., minister, Kilmalcolm
Gregson, Thomas W., M.B., C.M., 86 L. Audley street, Blackburn
Greig, George, minister, Fairlie, Largs
Greig, John, M.A., teacher, Invertay, Tayport
Greig, Thomas H., minister, Biggar

Grier, Wm. F., M.B.,C.M.,Sunnyb'k ho.,Aberdare
Grieve,Jas.M., M.A,M.B.,C.M.,52 Holmhead st,Gl.
Grieve, Robert, M.D., Viewpark, Lasswade
Grieve, Robt.,M.A.,M.B.,C.M.,52 Holmh'd st.,Glas
Grieve, Wallace, M.B., C.M., Barrow-in-Furness
Grigsby, Wm. E., M.A., stu., 26 St. John st., Oxf.
Griffith,Griffith R.,M.B.,C.M.,Castle sq.,Carnarv.
Griffith, William M., M.A., headmaster, Dyffryn, Merioneth
Griffiths, John H., M.A., minister, Walnut Hills, Cincinnati
Grime, Thomas J., M.D., C.M., Hawes, Bedale
Groome, Walter, M.B.,C.M., Ellesmere pk., Eccles
Gross, Reuben, M.D., 15 Torrington sq., London
Grosvenor, Wm. C., M.A., M.D., C.M, 82 Alexandra road, Manchester
Grove, Wm., M.B., C.M., 40 Windsor ter., Glasgow
Guinness, Arthur G., M.D., Acacia lodge, Oxford
Gunn,And.F.W., M.B.,C.M.,33 Barrington dr.,Gl.
Gunn, Arch., M.B., C M., 362 New City rd., Glas.
Gunn, John, B.L., solicitor, 9 Ruthven st., Glas.
Gunn, John, M.B., C.M., Marlborough, N. Z.
Gunson, Ernest S., M.A., stu., Moray pl., Glasgow
Gupta, Pyari M., M.B., C.M., 70 Gloucester road, London, N.W.
Guthrie, Geo., LL.B., writer, 4 Blythswood sq., Gl.
Guthrie,Hugh M.,M.A.,stu.,Middle Temple,Lond.
Guthrie, James, cashier, Possil road, Glasgow
Guthrie, Thomas O., M.D., C.M., Lyttelton, N. Z.
Guthrie, Wm., LL.D., sheriff-substitute, Glasgow
Guy, John, M.B., C.M., Montgreenan, Irvine
Guy, John C., LL.B., adv., 9 Gt. King st., Edinb'gh

Hadden, David, M.D., 11 Hope street, Falkirk
Haddow, Geo., M.B., C.M., 55 Digbeth, Birm'ham
Haddow, Robert W. T., M.B., C.M., 85 Lower Hurst street, Birmingham
Haig, Thos. A., M.B., C.M., East park, Kilmalcolm
Hair, James, M.D., Brinklow, Coventry
Haldane, Wm., M.D., C.M., Bridge-of-Allan
Halket, Geo., M.D., C.M., 4 Royal cres., W., Glas.
Hall, And. J., M.A., M.D., C.M., 5 Battery place, Rothesay
Hall, Charles H., M.B., C.M., 11 Loates Lane, Watford, Herts
Hall, Hector, M.A., min., 18 Queen's cr., Glasgow
Hall, John, M.D., 4 Shaftesbury villa, Hornsey rise, London
Hall, John, minister, Fenwick
Hall, John, M.A., teacher, Oakfield, Irvine
Hall, William, M.A., assistant minister, Hill terrace manse, Arbroath.
Hallett, Chas. H., M.B., C.M., Bradninch, Cullompton
Halliday, Andrew, M.B., C.M., Brandon Colliery, Durham
Halliday, Robert T., M.B., C.M., Lochgoilhead
Hallinan, Daniel, M.D., C.M., Longton, Staffs
Hamilton, Alex., D.D., minister, Brighton
Hamilton, Adam, M.B., C.M., 6 Melbourne ter., Saltcoats
Hamilton, Alex. M., LL.B., advocate, 7 Woodside terrace, Glasgow
Hamilton, David, 33 Bothwell place, Hillhead
Hamilton, Gavin, tch., 2 Eden ter., Edinburgh
Hamilton, George, clerk, Kirkcudbright
Hamilton, Henry, M.A., minister, Auchterarder
Hamilton, Henry M., D.D., minister, Hamilton
Hamilton, Hugh A., LL.B., law clerk, Albert cot., Saltcoats
Hamilton, Hugh C., LL.B., student, 11 Princes gardens, Dowanhill
Hamilton, Jas, M.A., min., St. Leonard's, Lanark
Hamilton, James, M.A., tch., schools,Shrewsbury
Hamilton, Jas., M.B., C.M., 24 Abbotsford pl., Gl.
Hamilton, Jas. M., B.D., barrister, 10 Finborough road, London, S.W.
Hamilton, John B., B.D., teacher, St. Mary's school, Melrose
Hamilton, John T., M.D., 3 L Sackville st., Dubl.
Hamilton, Pat., B.Sc., engr., 4 Lansdowne cr., Gl.
Hamilton, Rich., M.B., C.M., 235 Dundyvan rd., Coatbridge
Hamilton, Robt., M.B., C.M., 112 Manningham la., Bradford
Hamilton, Robt., M.B.,C.M., 18 Lumblane, Bradf.
Hamilton, Robert, M.A., teacher, 6 Bath pl., Ayr
Hamilton,Thos.,M.B.,C.M.,65 Cadderst.,P'ksh'lds
Hamilton, Wm., stockb'ker, 7 Woodside ter., Glas.
Hamilton, Wm., M.A., min., Arbroath rd., Dundee
Hamilton, Wm., B.Sc., elec. eng., 290 Calder st., Glasgow
Hamilton, William C., M.B., C M., Ardrossan
Hamilton, Wm. T., M.B., C.M.,Grahamstown,Afr.
Hanks,Wm. P., M.A., curate,Waterbeach, Cambs.
Hannan, Thomas, M.A., clergyman, Musselburgh
Hannah, Wm. T., M.B., C.M., Buxton
Hannay, David, auditor of Fac. of Procurators, 184 W. Regent st., Glasgow
Hannay, Miss Mary B., M.B., C.M., Rokeby, Bridge of Allan
Hannay, Robert K., M.A., lect., Bridge of Allan
Hannington, Robert, M.B., C.M., 33 Warwick st., Glasgow
Hansen, Wm., M.B., C.M., 134 Annfield st., Glas.
Hanson, Geo., M.A., min., F.C. manse, Springburn
Hanson, Geo., M.B., C.M., F.C. manse, Springb'rn
Hanson, John, M.A., min., 4 Broomp'k ter., Glas.
Hardie, James, M.A., teacher, Holland Park ter., London, W.
Hardie, John, M.B., C.M., 45 Apsley pl., Glasgow
Hardie, John, M.D., 13 Elmbank st., Glasgow
Hardie,Robt.M.,M.A.,tch.,244 G. Western rd.,Gl.
Hardie,Wm.W., M.A., min., Plantagenet, Ontario
Hare, Fred., M.B., C.M., Gladstone st., Crook
Hargreaves, Edmund, M.D., C.M., 2 Eyre street, Sheffield
Hargreaves, Mark K., M.D., C.M., 12 Chandos st., London, W.
Harley, John H., M.A., min., St. Neots, Hunts.
Harper, And. R., B.L., writer, Oakshawhead ho., Paisley
Harries, Henry, M.A., min., Upper Clapton,Lond.
Harris, David, M.B., C.M., Ffôsmaen, Carmarthen
Harris, David F., B.Sc., M.B., C.M., Grange loan, Edinburgh
Harris, Samuel C., M.B., C.M., 5 Albion cr., Glas.
Harrison, Clar. B., M.B.,C.M., York ho., Richmond
Harrison,John,M.B.,C.M., Hill farm,Lesmahagow
Harrison, Jonathan A., M.D., C.M., Haslingden, Lancashire
Harrison, John A., M.B., C.M., Haslingden,Lancs.
Harrison,John H., M.A., tch., 130 Blythswood dr., Glasgow
Harrison, Wm. S., M.B., C.M., Haslingden, Lancs.
Hart, Archibald, min., Glenallan ho., Dunblane

Hart, James, M.A., tch., W. Fountainbridge sch., Edinburgh
Hartley, Jas. B., M.B., C.M., St. Helen's, Auck.
Harvey, Fra. W., B.L., writer, Broomberry, Gour'k
Harvey, Jas., M.A., tch., Wellington, Cape Colony
Harvey, John, LL.B., adv., 45 Charlotte sq., Edin.
Harvey, John, merchant, Mincing lane, London
Harvey, Robert, M.A., insp. of sch., 6 Oakfield terrace, Glasgow
Harvey, Thomas, M.A., late teacher, Tain
Harvie, Wm. D., M.A., prob., 76 Buccleuch st., Glas.
Haseler, Rowland, M.A., min., Stirchley, Bir'gham
Hastie, Jno. S., B.D., prob., 17 K'side av., M'ryh'l
Hastie, Wm., D.D., professor, University, Glas.
Hastings, Walter B., M.B., C.M., Lamlash, Arran
Haworth, Edwin, M.B., C.M., Oswaldtwistle
Haworth, Fred. G., M.B., C.M. Vale ho., Darwen
Hawthorne, Chas. O., M.B., C.M., 4 St. Mary's place, Glasgow
Hay, Alexander, M.D., Grange, Maryhill
Hay, Arch. G., M.A., M.D., C.M., Grange, Maryhill
Hay, James A. R., prob., 1 Stirling road, Glasgow
Hay, James, minister, Kirn
Hay, John, M.D., C.M., 2 Skirving st., Shawlands
Hay, John, M.A., min., 55 Possil road, Glasgow
Hay, Robt., M.A., stu., 29 Gt. Western rd., Glas.
Hay, Robert B., B.L., writer, Barshaw, Paisley
Hay, Thomas H., M.B., C.M., Letterkenny, Co. Donegal
Hay, Thomas W., M.B., C.M., Bebside, Newcastle-on-Tyne
Hay, Walter, M.B., C.M., 14 Tothill av., Plymouth
Hay, Wm., M.A., tch., Devon bank sch., P'shields
Hay, Wm., B.D., M.B., C.M., 22 Grosvenor place, Hillhead
Haydon, Ernest W., M.B., C.M., 47 Humberstone road, Leicester
Haydon, William R., M.B., C.M., Bampton st., Tiverton
Headrick, John, minister, Sandbank, Dunoon
Healy, Chris. J., B.L., law cl., 12 Newton st., Glas.
Hedderwick, Alexander W., M.A., stu., 19 Oakfield terrace, Hillhead
Hedderwick, Thos. C., M.A., M.P., barrister 2 Garden court, Temple, London, E.C.
Heily, Joseph, M.D., Abbey st., Roscommon
Henderson, Æneas, M.B., C.M., 12 York pl., Perth
Henderson, Alex. C., B.D., minister, 26 Bowker street, Manchester
Henderson, Archd., M.A., D.D., minister, Crieff
Henderson, Chas. A., M.B., C.M., 45 Langside rd., Crosshill
Henderson, Elias, minister, Belford
Henderson, Fra., M.D., 4 Belhaven cr., Glasgow
Henderson, George, M.A., 9 Clissold rd., London, N.
Henderson, Geo. G., D.Sc., prof., 204 Geo. st., Glas.
Henderson, Henry F., M.A., min., 2 Erskine ter., Dundee
Henderson, Jas., M.A., tch., 39 Kersland tr., Glas.
Henderson, James, M.A., minister, Ballantrae
Henderson, Jas. B., D.Sc., demonstrator, 39 Kersland terrace, Hillhead
Henderson, John, M.A., min., N. Newton, Ayr
Henderson, John, M.A., artist, 11 Blythswood sq., Glasgow
Henderson, John C., M.B., C.M., 18 Church st., Partick
Henderson, John H., M.B., C.M., Adelaide
Henderson, John W., B.D., min., Kinnoull Manse, Perth
Henderson, Jos., M.A., artist, 11 Blythswood sq., Glasgow
Henderson, Robert, chaplain, Punjaub, India
Henderson, Robert H., M.B., C.M., 19 Elmbank pl., Glasgow
Henderson, Thos. B., M.D., C.M., 239 Bath st., Glas.
Henderson, Thos. M., M.D., 191 Amherst rd., Lond.
Henderson, Wm. C., M.A., B.Sc., stud., 39 Kersland ter., Glasgow
Henderson, William T., minister, New Kilpatrick
Hendrie, Geo. S., M.A., minister, Dalmellington
Hendry, Nisbet T., M.A., tch., 72 High st., J'nst'ne
Henry, Jas., M.B., C.M., Craigneuk, Motherwell
Henry, Joseph, M.A., min., Graemsay, Stromness
Henry, Richard, M.D., Clones
Henry, Robert, M.B., C.M., 116 Egerton st., Oldh'm
Hepburn, David, M.A., teacher, Stromness
Herbert, David, M.A., tch., 25 Gilmore pl., Edin.
Herbert, Hy. C., M.D., 25 Charles st., London, S.W.
Herbertson, James C., M.A., M.D., C.M., Johnstone
Herkless, Wm. R., LL.B., professor, Torwood, Minard road, Glasgow
Heron, George A., M.D., C.M., 57 Harley street, London, W.
Herron, James, M.B., C.M., Albion rd., London
Hewitt, Edw., M.A., prob., Durban, Natal, S. Af.
Heyliger, Ernst D.S., M.B., C.M., Pembroke
Hickin, Herbert, M.B., C.M., Gnosall, Stafford
Highet, Campbell, M.B., C.M., Dalmellington
Highet, Hugh, M.D., C.M., 9 Havelock terrace, Ayr
Highet, John, M.D., C.M., Workington, Cumberl'd
Highet, John, M.D., C.M., Langlands ho., Troon
Highet, Robert C., M.B., C.M., 9 Havelock ter., Ayr
Hill, Alex. M., M.A., tch., 52 Garthland dr., Glas.
Hill, Francis R., M.B., C.M., 194 Ingram st., Glas.
Hill, James, M.A., minister, Fraserburgh
Hill, James, M.D., Mt. Pottinger, Belfast
Hill, Jas., M.D., C.M., 35 Bell street, Renfrew
Hill, Jas. W., M.B., C.M., 117 Albert rd., N. Wo'l'ich
Hill, John, M.A., minister, Coatdyke, Coatbridge
Hill, Robert, W.S., 302 Buchanan street, Glasgow
Hill, Wm. Hy., LL.D., writer, 194 Ingram st., Glas.
Hillhouse, Percy A., B.Sc., naval architect, Whitworth, Busby
Hinshelwood, Jas., M.A., M.D., C.M., 9 Elmbank street, Glasgow
Hinshelwood, John, minister, Worcester
Hinton, Wm. E., tch., 43 Hartington rd., Mid'lesbro'
Hislop, Alex., M.A., D.D., prof., Outwood, Edin.
Hislop, John, M.A., law agt., 93 W. Regent st., Glas.
Hislop, Thomas, M.A., teacher, Ratho
Hislop, Wm., LL.B., writer, 162 St. Vincent st., Glas.
Hobart, Nath. J., M.D., 33 South Mall st., Cork.
Hobart, Robert R., M.A., minister, Shottsburn
Hodge, Geo., M.B., C.M., 16 Stevenson dr., Langside
Hodge, Peter, M.B., C.M., 10 Corunna street, Glas.
Hodge, Wm. B., M.A., B.L., writer, 22 Terregles avenue, Pollokshields
Hodgson, Isaac C., M.B., C.M., Workington
Hodgson, Jas. M., M.A., D.D., Principal, Congregational Theological Hall, Edinburgh
Hogarth, Andrew A., M.A., M.B., C.M., Cambray, Cheltenhem
Hogarth, John P., M.A., minister, Renfrew
Hogg, Alexander, M.B., C.M., Western Inf., Glas.
Hogg, Chas., M.A., mis., 15 Lothair av., Belfast

Hogg, David N., minister, Auchtermuchty
Hogg, Geo. M., M.B., C.M., hosp'l, Stockton-on-Tees
Hogg, James A., B.D., minister, Galston
Hogg, John, M.B., C.M., Broombank, Dumfries
Hogg, Robert, M.B., C.M., Forth, Lanark
Hoggan, James, min., 3 Mansion ho. rd., Edin.
Hoggan, John, B.L., stockbroker, 69 St. George's place, Glasgow
Holburn, And. C., B.Sc., tch., 10 W. Garden st., Glas.
Holm, Alex., M.A., tch., Garnethill sch., Glasgow
Holm, James, M.A., student, Tilton, Leicester
Holme, Wm. J., M.B., C.M., 12 Rochdale rd., Bacup
Holmes, Henry, M.B., C.M., Donemana, Tyrone
Holmes, Wm. M., M.B., C.M., George place, Gourock
Holms, John, M.D., C.M., 54 High st., Paisley
Holt, Arthur, M.B., C.M., 60 Kent st., Bolton
Honeyman, Pat. S., writer, 88 W. Regent st., Glas.
Hood, Alexander J., M.B., C.M., Sydney, N.S.W.
Hood, Archibald J., M.A., lecturer, F.C. Training College, Glasgow
Hood, Jos., M.A., tch., Upper Bridge st., Stirling
Hooker, Sir Joseph D., M.D., Sunningdale, Berks
Hope, Cornelius, M.B., C.M., Elder Pk. tr., Govan
Hope, John A., M.B., C.M., 25 Meadowpark st., Gl.
Hopkins, John, M.A., tch., Fordoun, Kincardine
Horn, Robt., M.D., C.M., 110 Leigh terrace, Read, Blackburn
Horne, Charles S., M.A., minister, 9 Campden hill gardens, London, W.
Horne, Jos., M.B., C.M., 796 New City rd., Glas.
Horne, Robt. S., LL.B., adv., 18 Castle st., Edin.
Hotchkis, Robt. D., M.A., M.B., B.S., Crookston, Paisley
Houston, Arch. M., B.D., min., Auchterderran, Fife
Houston, David, M.A., minister, Lerwick
Houston, Jas. E., B.D., min., 5 Whiteh'll st., Dundee
Houston, James R., minister, Langside
Houston, John, M.D., dep.-sur.-gen., 15 George square, Edinburgh
Houstoun, And. B., M.B., C.M., Fairfield, near Manchester
Howat, Adam, M.A., teacher, Pittenweem
Howat, Robt. K., M.B., C.M., 30 Granby ter., Hillh'd
Howatson, John, M.A., minister, Walker-on-Tyne
Howe, Wm., M.A., teacher, 3 Park terr., Annan
Howell, Alex. R., M.A., assist. min., Buenos Ayres
Howells, William, M.B., C.M., Talgarth, Brecon
Howie, Alex., M.B., C.M., Brook house, Westbury, Salop
Howie, John C., M.A., M.B., C.M., 4 Bruce road, Pollokshields
Howie, John L., M.B., C.M., 25 Port street, Annan
Howie, Robert, M.A., minister, Govan
Howie, Robt., M.A., stu., 4 Bruce rd., P'shields
Howie, Robert, M.A., student, Law farm, Irvine
Howie, Robt., M.B., C.M., Drumbain, Torrance
Howie, Wm. B.D., probationer, Maxwood, Galston
Hudson, Cyrus, M.A., min., 103 Albert rd., Dalston
Hudson, Jas., M.D., C.M., 65 Brighton grove, Newcastle
Hugh, Thomas A., M.A., minister, Blantyre
Hughes, Alb. B., M.B., C.M., Kenchester, Hereford
Hughes, Arthur D., M.D., C.M., Lanark house, Dunstable
Hughes, Jos. F., M.B., C.M., Alexandria, Sydney
Hughes, John, M.A., minister, 17 Norwood grove, Liverpool
Hughes, Lewis, M.A., curate, Barry, Glamorgan.
Hume, David R., M.A., min., Windygates, Fife
Humphreys, Arthur W., M.A., min., Bollington Macclesfield
Hunt, John M., M.B., C.M., 55 Rodney st., Liverp'
Hunt, John P., M.D., 150 Highbury new park London, N.
Hunt, Leigh M.B., C.M., 1 Graham's place, Pert
Hunt, Thomas, M.D., C.M., Heywood, Mancheste
Hunter, Andrew, B.D., min., Eskbank, Dalkeit
Hunter, And., M.A., stu., 3 Royal ter., Springbur
Hunter, Archibald, M.A., student, Lamlash
Hunter, Charles B., M.B., C.M., Carnwath
Hunter, David, D.D., minister, Galashiels
Hunter, Gav. D., M.B., C.M., 100 Elderslie st., Glas
Hunter, George, M.A., minister, Shanghai, Chin
Hunter, James, M.D., Dreghorn
Hunter, James, B.Sc., M.B., C.M., Burnbank Whiteinch
Hunter, Jas. E., M.B., C.M., Duncairn, Helensburg
Hunter, James, B.D., min., Lauriston, Falkirk
Hunter, John, M.A., prob., 3 Royal ter., Springb'r
Hunter, John, minister, Langforgan
Hunter, John, M.B., C.M., 18 Campbell st., M'hil
Hunter, John B., M.D., C.M., 31 St. James' street Paisley
Hunter, John S., M.A., minister, Holytown
Hunter, Nor. M., M.A., stu., Woodend, Dunblan
Hunter, Peter L., M.A., mis., Griqualand, Afric
Hunter, Ramsay, B.Sc., teacher, Montgomer street, Larkhall
Hunter, Riotaro H., B.Sc., C.E., 16 Foreign Concession, Osaka, Japan
Hunter, Robert R., M.B., C.M., 7 Belgrave terrace Hillhead
Hunter, Thomas, M.D., Polquhorter, Cumnock
Hunter, Thomas, M.A., journalist, 163 Washingto street, Chicago
Hunter, Thomas, M.A., B.Sc., student, 18 Nurser street, Kilmarnock
Hunter, Walter, M.D., C.M., Arkwright street Nottingham
Hunter, Walter K., B.Sc., M.D., C.M., 1 Newto terrace, Glasgow
Hunter, William M., M.D., C.M., Eckington, Chesterfield
Hunter, William M., M.B., C.M., Eckington, Rotherham
Hunter, Sir William W., LL.D., K.C.S.I., Cumnor, Oxford
Huntly, William, M.A., M.D., C.M., Rajputana
Hurll, John, B.L., writer, 121 W. Regent st., Glasgow
Hurry, Alfred A., LL.B., writer, Yeldavel, B'sden
Huston, David, M.B., Islandmore, Portrush
Hutcheson, Chas. W., B.D., prob., 18 Shaftesbury terrace, Glasgow
Hutcheson, George, M.D., C.M., H.M. India Army
Hutcheson, Hugh, B.L., writer, 7 South park terrace, Glasgow
Hutcheson, James, min., 7 Finnart ter., Greenock
Hutcheson, Robert, LL.B., writer, 7 Burnbank gardens, Glasgow
Hutcheson, Thomas B., M.B., C.M., 7 Finnart terrace, Greenock
Hutchinson, Creighton, M.D., C.M., Irwell street, Widnes
Hutchinson, John, M.D., C.M., Lutterworth
Hutchinson, Patrick H., M.A., miss., Cambuslang
Hutchinson, Wm., M.D., C.M., Kilrea, co. Derry

Hutchison, Arthur J., M.A., M.B., C.M., 225 Bath street, Glasgow
Hutchison, Benjamin, M.A., teacher, 67 Cadder street, Pollokshields
Hutchison, Fred. W. E., M.B.,C.M.,Finchingfield, Essex
Hutchison, Geo. L., B.Sc., C.E., 6 Belhaven terrace, Glasgow
Hutchison, Hugh C., M.A., stud., 136 Woodlands road, Glasgow
Hutchison, James, M.A., Lochar house, Dumfries
Hutchison, Jas., M.A., U.P. minister, Oban
Hutchison, John, D.D., min., Bonnington, Leith
Hutchison, John, M.A., LL.D., tch., 199 Renfrew street, Glasgow
Hutchison, Peter, M.A., tch., Ardgowan, Inverkip
Hutchison, William, LL.B., solicitor, 190 W. George street, Glasgow
Hutchison, William B., M.A., minister, Scarsdale, Ballarat
Hutton, John A., M.A., minister, Alyth
Hutton, William, minister, Birkenhead
Hutton, Wm. K., M.A., stu., Mansfield, Lenzie
Hyslop, John S., min., 18 UpperGray st., Edinburgh

Illingworth, George S., M.B., C.M., 8½ Nithsdale road, Pollokshields
Imrie, David, minister, St. Andrews, Dunfermline
Imrie, George J., M.B., C.M., Springfield, Castle-Douglas
Ingles, Robert, M.A., student, U.P. manse, Crieff
Inglis, Anthony, M.D., C.M., Gogo Vale, Largs
Inglis, David W., M.D., C.M., Argyll ho., Hebburn
Inglis, Henry H.T., M.A., merch., Loanhead, Edin.
Inglis, Jas. D., B.Sc., shipbldr., 4 Princes ter., Glas.
Inglis, James W., M.A., mis., Newchwang, China
Inglis, Robert, M.A., clergyman, Taralgo, N.S.W.
Inglis, Robert G., M.B., C.M., 32 Burnbank gardens, Glasgow
Inglis, Thomas, M.A., teacher, Larbert
Ingram, William, architect, 134 Bath st., Glasgow
Innes, George, M.A., L.R.C.P.Ed., etc., Rothesay
Innes, James, minister, Wibsey, Bradford
Iredale, Allen, M.B., C.M., 74 Gt. Marton rd., Bl'pool
Irving, Geo., M.A., teacher, 29 Ferry rd., Renfrew
Irving, John, M.D., C.M., Leytonstone, London, E.
Irving, John, M.B., C.M., Greenh'd rd., Huddersf'ld
Irwin, William, M.B., C.M., Newcastle, N.S.W.
Isdale, Alex., M.A., minister, F.C. manse, Kirkwall

Jaap, John, M.D., Bankstown, Sheerness
Jack, Alex., minister, Ferry-Port-on-Craig
Jack, Alex., M.B., C.M., Townsville, Queensland
Jack, James, M.B., C.M., Kirkton street, Carluke
Jack, John S., M.B., C.M., Rothbury, N'th'berland
Jack, Robert, B.D., min., 104 Armadale st., Glas.
Jack, Robert T., M.A., minister, Penicuik
Jack, Wm., M.A., LL.D., prof., Univ., Glasgow
Jack, William R., B.Sc., M.D., C.M., 43 Lansdowne crescent, Glasgow
Jackson, Basil, M.A., cashier, 43 Young st., Glas.
Jackson, Forbes, M.A., min., Barbourne, Worcester
Jackson, Geo. S., M.D., C.M., Carntyne, Hexham
Jackson, John A., M.D., C.M., Carntyne, Hexham
Jackson, Robert, M.A., teacher, Waid Academy, Anstruther
Jackson, Daniel, M.D., Hexham
Jackson, John W., M.B., C.M., 4 Royal ter., Crosshill
Jackson, Thomas H., M.B., C.M., Cumbrae Lodge, Bridge of Weir
Jackson, Wm., M.B., C.M., 18 Park ter., Stirling
Jago, Arth. H., M.B., C.M., Omaha, Nebraska
Jago, Edwin B., M.B., C.M., 404 Dumbarton rd., Glas
Jago, Josias, M.B., C.M., 404 Dumbarton rd., Glas.
James, David, B.D., min., Bethelfield, Kirkcaldy
James, Robert, M.A., min., U.P. manse, Gorebridge
James, Robt., M.B., C.M., 26 Holyrood quad., Glas.
James, Thomas, M.A., minister, Llandyssel
James, Thomas, M.A., min., 22 Goring rd., Llanelly
James, Wm., M.A., min., Nantymoel, Glam.
Jameson, George T., minister, Portobello
Jameson, Wm. G., solic., County bldgs., Airdrie
Jamieson, Alex., M.B., Gorbals cross, Glasgow
Jamieson, Arch., M.A., assist.-min., Auchterarder
Jamieson, John, M.A., minister, Canonbie
Jamieson, John A., M.D., Glencloy
Jamieson, Robert, M.B., C.M., Glencloy, Brodick
Jamieson, William S., B.Sc., teacher, 68 Blythswood drive, Glasgow
Jamison, Arthur A., M.D., C.M., 26 Lowndes street, London, S.W.
Jardine, Jas., M.B., C.M., 145 Drake st., Rochdale
Jardine, Walter, M.A., tch., 7 Rockford ter., Perth
Jarvie, Robert, M.A., teacher, Sanday, Orkney
Jayne, Fred. J., M.B., C.M., Aberaman, Aberdare
Jebb, Richard C., LL.D., M.P., prof., Cambridge
Jeffray, John, 9 Winton drive, Kelvinside
Jeffrey, James R., M.B., C.M., Crossflatt house, Muirkirk
Jeffrey, Norman S., M.B., C.M., Vicarage, Blackpool
Jenkins, Edgar M., M.B., C.M., Bron Epynt, Builth
Jenkins, Hugh, M.A., min., 8 Mary's place, Edin.
Jenkins, Sir James, M.D., K.C.B., Nevinston, Mannamead, Plymouth
Jenkins, John, M.A., barrister, Temple, London
Jenkins, Thomas W., M.A., M.D., C.M., 1 Newark drive, Pollokshields
Jenkins, Wm., M.A., min., St. David's, S. Wales
Jerdan, David S., M.A., stu., 68 Union st., Greenock
Jeremy, Dan. D., M.A., min., 4 Appian way, Dublin
John, William, M.A., stu., 28 Napiershall st., Glas.
Johnson, Gilbert P., M.D., C.M., 2 Brook street, Stoke-on-Trent
Johnson, John, M.B., C.M., 62 Dock st., Dundee
Johnston, Alex., writ., 150 St. Vincent st., Glasgow
Johnston, Alex., M.D., C.M., Methven
Johnston, Alex., M.D., C.M., Belvidere hospital, Glasgow
Johnston, Alex., M.D., C.M., Warwick b'ge, Carlisle
Johnston, Alf., M.A., chem., Sheriff pk., Rutherglen
Johnston, Alfred W., M.A., minister, Mearns
Johnston, Andrew, min., Kinglassie, Kirkcaldy
Johnston, Arch., M.B., C.M., Portnahaven, Islay
Johnston, Arch. M., M.A., chemist, Johannesburg
Johnston, David, D.D., prof., 34 Coll. Bounds, Aberdeen
Johnston, David, M.A., assist. insp. of sch'ls, Dalry
Johnston, David G., M.B., C.M., 92 Hampton rd., Bristol
Johnston, David G., M.B., C.M., Wairarapa, N.Z.
Johnston, Ernest R., B.Sc., C.E., 12 Montem road, London
Johnston, Francis, M.B., C.M., 49 Devonshire road, Birkenhead
Johnston, Gilb., M.A., tch., 5 Cavendish pl., Jesm'nd
Johnston, Henry W., M.A., min., Warpau, N.Z.

Johnston, Jas. H. O., M.A., law app., 3 Bowmont terrace, Glasgow
Johnston, James W., M.A., prob., 34 Lauriston place, Edinburgh
Johnston, John, M.D., C.M., Kilwinning
Johnston, John, LL.B., solicitor, 121 West Regent street, Glasgow
Johnston, John, B.D., minister, Eccles, Kelso
Johnston, John M., M.A., M.D., C.M., 147 High street, Dumbarton
Johnston, Joseph K., B.D., prob., 15 Rose st., Glas.
Johnston, Robert, M.B., C.M., 162 Nethergate, Dundee
Johnston, Robt., B.D., stu., U.P. Hall, Edinburgh
Johnston, Thos., M.A., stu., Portland cr., Hamilton
Johnston, Wm., B.D., prob., 15 Rose st., Glasgow
Johnston, Wm., M.D., surgeon-general, 45 Pall Mall, London
Johnston, Wm. M., min., Sheuchan, Stranraer
Johnston, Wm. T., D.D., min., Lindens, Worcester
Johnstone, Alex., M.A., tch., Burgh sch., Lanark
Johnstone, James F., LL.B., writer, Elderslie
Johnstone, John, min., Port of Monteith, Stirling
Johnstone, John C., M.D., C.M., Asylum, Melrose
Johnstone, Quintin, min., Cullochknowes, Maybole
Johnstone, Wm., B.L., writer, 50 St. George's road, Glasgow
Jolly, Isaac, M.A., student, 347 Dumbarton road, Glasgow
Jones, David, M.B., C.M., Hurlford
Jones, Evan, M.A., head master, intermed. sch., Whitland, S. Wales
Jones, Evan C., M.A., minister, 18 Blenheim road, Bradford
Jones, Evan P., M.A., librarian, University College, Aberystwyth
Jones, Edwin W., M.B., C.M., Longton, Staffs.
Jones, Henry, M.A., min., Melbourne, Aust.
Jones, Henry, M.A., LL.D., prof., Univ., Glasgow
Jones, Henry E., M.B., C.M., Rose cott., Govan
Jones, Hugh, M.B., C.M., Caerffynnon, Dolgelly
Jones, James A., M.D., C.M., 15 Park st., Llanelly
Jones, John, M.D., Drumconrath, Co. Louth
Jones, John C., M.A., min., Charnwood, Spalding
Jones, John H., M.B., C.M., Penybank, Llangeler
Jones, Owen G., M.B., C.M., Glasgwm Hall, Penmachno
Jones, Rees J., M.A., tch. Trecynon, Aberdare
Jones, Thomas W., M.A., teacher, 28 Priory st., Carmarthen
Jones, William A., M.A., minister, Taunton
Jones, William L., M.B., C.M., Taff Vechan villa, Merthyr Tydfil
Jones, William R., M.D., C.M., Bronwysg, Senny Bridge
Jordan, Wm., M.A., teacher, 189 West Graham street, Glasgow
Jubb, George, M.B., C.M., 4 Glencairn drive, Pollokshields
Jubb, James H., B.L., writer, 4 Glencairn drive, Pollokshields
Jubb, John, B.L., writer, 137 W. George st., Glasgow
Jubb, Thomas E., M.A., minister, Luss

Kater, David, M.A., minister, Bathgate
Kay, Adam, M.B., C.M., 22 Waverley gds., Glasgow
Kay, James C., solicitor, Hamilton
Kay, Thos., M.B., C.M., Chapelfield, Helensburgh
Kaye, David, min., 33 Kelvinside aven., Glasgo
Kaye, James R., M.B., C.M., Town Hall, Hu dersfield
Kean, William, B.D., min., Ruthrieston, Aberdee
Keay, John, M.D., C.M., Asylum, Inverness
Keddie, John, M.B., C.M., Fauldhouse
Keir, Adam, M.D., Avonholm, Tunbridge Wells
Keith, Neil, M.B., C.M., Longrow, Campbeltow
Kelly, Adam B., B.Sc., M.B., C.M., 16 Carlt place, Glasgow
Kelly, Adam L., M.D., 16 Carlton pl., Glasgow
Kelly, Hugh, M.D., C.M., Shields rd., Pollokshiel
Kelly, James K., M.D., C.M., Crosshill, Glasgo
Kelly, Jeremiah H., M.D., Blackrock, Dublin
Kelly, John, minister, 9 Lindsay rd., Leith
Kelly, John, minister, Addiscombe, Surrey
Kelly, Wm., M.A., tch., 58 Offley rd., London, S.
Kelso, Alex., M.B., C.M., Corriegills, Brodick
Kelso, John J., M.D., C.M., Lisburne
Kelvin, Baron, of Largs, LL.D., D.C.L., F.R. professor, University, Glasgow
Kemlo, Wm., B.Sc., engineer, Merryflatts, Gov
Kemp, Arnold L., M.A., prob., Tranent
Kemp, Robert, M.A., minister, Blairgowrie
Kempt, Geo. D., M.A., stu., Foresthill, Kelvinsi
Kennedy, Arch. R. S., D.D., prof., Univ., Edin.
Kennedy, David G., M.D., 83 Jamaica roa London, S.E.
Kennedy, Dav. M., M.D., 24 Kensington, Liverpo
Kennedy, Duncan S., M.B., C.M., 13 York pl., Per
Kennedy, George R., min., 2 Polwarth ter., Edi
Kennedy, John, B.D., min., East Wemyss, Fif
Kennedy, John A., M.A., M.D., C.M., Bearsden
Kennedy, Robert, M.A., B.Sc., M.D., C.M., 1 Do place, Kelvinside, N.
Kennedy, Robt., B.Sc., C.E., 7 Howard st., Kilm'n
Kennedy, Robt., M.A., min., Myroe, Londonder
Kennedy, Thos., D.D., minister, 24 Fountainh road, Edinburgh
Kennedy, Wm. W., M.A., M.B., Beaconsfield, Buc
Kenny, Geo. G., M.B., C.M., 49 Park rd., Glasgo
Keoch, Arthur G., M.B., C.M., Melbourne
Ker, Chas., M.A., C.A., 115 St. Vincent st., Glasgo
Ker, Jas., M.A., min., 139 Dalkeith rd., Edinburg
Kerr, Daniel, M.B., C.M., Bellevue, Hamilton
Kerr, David, M.B., C.M., 116 Nantwich rd., Crew
Kerr, Edw. P. B., M.A., law cl., 88 St. Vincent st., G
Kerr, Geo. L., M.B., C.M., 24 Waverley gardens, Gl
Kerr, George S., B.D., minister, Tinwald
Kerr, Hugh, M.A., M.B., C.M., Asylum, Abe gavenny
Kerr, Jas. D., B.L., writer, 142 St. Vincent stree Glasgow
Kerr, John, B.L., solic., 29 Portland st., Kilmarnoc
Kerr, John, M.B., C.M., Townhead, Beith
Kerr, John, LL.D., H.M.I.S., 13 Regent tr., Edi
Kerr, John, M.A., LL.D., tch., F. C. Normal, Gla
Kerr, John G., M.B., C.M., Stepends, Old Cumnoc
Kerr, John, M.A., teacher, 15 India st., Glasgow
Kerr, John G. D., M.B., C.M., 6 The Circus, Bat
Kerr, John M. M., M.B., C.M., 97 Buchanan st. Glasgow
Kerr, Norman S., M.D., C.M., 42 Grove road London, N.W.
Kerr, Robert, M.A., minister, Kirkmuirhill
Kerr, Wm. C., LL.B., writer, 9 Nelson tr., Hillhea
Kerr, Wm. J., M.B., C.M., 29 Castle st., Dumbarto
Kerr, Wm. R., M.A., prob., 5 Greenlaw av., P'le

Kesson, Hy., M.A., tch., 2 Carriden pl., Wh't'nch
Key, David R., M.A., min., 8 Brunton pl., Edin.
Keyden, Jas., writer, 186 W. George st., Glasgow
Kidd, Jas., D.D., min., 3 Aytoun rd., Pollokshields
Kidd, Thomas, M.A., ministor, Moniaive
Kidd, Thos., M.A., teacher, Miller st., Larkhall
Kidston, James B., M.A., writ., 50 West Regent st., Glasgow
Kidston, Wm., B.L., writ., 50W. Regent st., Glasgow
Kilgour, Robt., B.D., prob., 1 Osborne pl., Govan
Killen, James M., M.A., D.D., minister, Comber, Co. Down
Kilpatrick, Alex., M.B., C.M., 3 Alexandria ter., Govan
Kilpatrick, Robt. R., M.B., C.M., 16 Abbey st., Paisley
Kilpatrick, Thomas B., B.D., minister, 7 Marine terrace, Aberdeen
Kilpatrick, Wm., M.A., min., 5 Shandon rd., Edin.
King, Chas. G., M.B., C.M., Mansewood, Pol'kshaws
King, David M., M.B., C.M., Greenend, Boxmoor, Herts
King, Sir Jas., Bart., LL.D., mer., Bothw'l Castle
King, Jas., M.B., C.M., Bedford, Leigh, Lancashire
King, James W., M.A., D.D., min., East Kilpatrick
King, John, M.A., minister, Bellasis, Co. Cavan
King, John, farmer, Braco, Airdrie
King, John L., M.A., minister, Rutherglen
King, Joseph L., M.A., miss., Torrance of C'mpsie
King, Walter, M.A., stu., Ravenslea, P'kshields
King, William, licen., 17 Clarence st., Edinburgh
King, William Y., M.A., H.M.I.S., St. Bede's, Melrose
Kinghorn, Alex. M., M.B., C.M., 53 Bury New road, Manchester
Kinloch, James M., minister, West Linton
Kinnear, Baron, of Spurness, LL.D., Senator of College of Justice, 2 Moray place, Edinburgh
Kirk, John S., teacher, Gram. Sch., Carnarvon
Kirk, Thomas, minister, Edinburgh
Kirk, Wm., M.A., min., E. U. Manse, Bathgate
Kirke, Robert, D.D., minister, Hutton
Kirkhope, David C., M.B., C.M., 125 N. Montrose street, Glasgow
Kirkhope, John, LL.B., clergyman, Carlton, Melbourne
Kirkland, Andrew, M.D., C.M., Motherwell
Kirkland, Geo. A. D., M.A., writer, 60 Rosebank terrace, Glasgow
Kirkland, Hugh, M.B., C.M., Bathurst, N.S.W.
Kirkland, James, M.A., insurance clerk, Chicago
Kirkland, Jas., M.B., C.M., St. Leonards-on-Sea
Kirkland, Robert, M.B., C.M., 1 Crescent terrace, Cheltenham
Kirkland, Thos., M.D., C.M., Croydon, Sydney
Kirkland, William, M.B., C.M., Witham, Essex
Kirkpatrick, Alexander, M.B., C.M., 1 Leeds road, Attercliffe
Kirkwood, Daniel, B.D., minister, Houston
Kirkwood, Jas., M.B., C.M., 78 Holmscroft street, Greenock
Kirkwood, James H., B.Sc., C.E., 30 Queen Mary avenue, Crosshill
Kirkwood, John, minister, Troon
Kirkwood, John, M.B., C.M., 30 Queen Mary av., Crosshill
Kirkwood, Robert, M.D., Largs
Kirkwood, Thos., M.A., M.B., C.M., Auchneagh, Greenock
Kirkwood, Thomas, M.B., C.M., 64 Westmoreland road, Newcastle-on-Tyne
Kirkwood, Wm. A., M.B., C.M., Darnley house, Nitshill
Knight, Geo. A. F., M.A., minister, Garelochhead
Knight, Jas., M.A., teach., Sheiling, Uddingston
Knight, John, M.B., C.M., 2 Clydeford dr., T'llcr'ss
Knox, Dav. N., M.A., M.B., C.M., 8 India st., Glas.
Knox, Jas., M.A., stud., United coll., Bradford
Knox, James H., M.B., Clapham, Lancaster
Knox, Robt., M.A., D.D., min., Wellington park, Belfast
Knox, Robert, minister, Annfield, Kilmalcolm
Kyle, David H., M.B., C.M., 140 Market street, St. Andrews

Lade, James, M.A., barrister, Temple, London
Laen, Thos. L., B.A., M.B., C.M., Bute dks., Cardiff
Laidlaw, Arch. S., B.D., minister, Huntly
Laidlaw, John, B.D., minister, Muthill
Laing, Chas. F., M.B., C.M., 328 Parliamentary road, Glasgow
Laing, James, M.A., minister, Dysart
Laing, James B., M.B., C.M., Bridge-of-Earn
Laing, Wm. A. G., M.D., C.M., Barnstaple
Laird, And. J., M.B., C.M., 18 Queen sq., S.S., Glas.
Laird, And. L., M.A., min., Arthur's hill, Newcastle-on-Tyne
Laird, Daniel, M.B., C.M., 6 Stonefield ter., Glas.
Laird, David C., M.B., C.M., Erne Vale, P'shields
Laird, James M., B.L., writer, 201 W. George st., Glasgow.
Laird, Peter A., M.B., C.M., 158 Raeberry st., Glas.
Laird, Thos., M.B., C.M., 220 Berkeley st., Glasgow
Laird, Thos. D., M.B., C.M., 3 Caledonia terrace, Cambuslang
Lamb, David, M.B., C.M., 1 Ethel tr., Mt. Florida
Lamb, Geo., M.B., C.M., 17 Ardgowan sq., Gr'nock
Lamb, Geo., M.A., stud., U.P. Manse, Old Kilpat'ck
Lambert, James, M.D., 80 Price st., Birkenhead
Lambie, Gavin, M.A., minister, Yoker
Lambie, James, M.B., Lowick, Beal
Lambie, James, M.A., journalist, Sydney
Lamond, Henry, writ., 93 W. Regent st., Glasgow
Lamond, Robert, LL.B., writer, 163 West George street, Glasgow
Lamond, Robt. P., writer, 163 W. George st., Glas
Lamont, Arch., B.D., min., 11 Abbotsford pl., Glas
Lamont, Daniel, M.A., stu., 11 Abbotsford pl, Glas.
Lamont, James, M.B., C.M., 37 Cranston st., Glas.
Landsborough, David, minister, Kilmarnock
Landsborough, David, M.A., student, Kilmarnock
Lang, Andrew, M.A., minister, Holm, Orkney
Lang, Andw. M., B.Sc., min., High Parish, Paisley
Lang, Cosmo G., M.A., fellow, Magd. Coll., Oxford
Lang, David M., acct'nt, Ch. Miss. Soc., Lond., E.C.
Lang, Ebenezer, M.B., C.M., 3 Newton st., Glas.
Lang, Gavin, minister, Inverness
Lang, George, M.A., min., Houston, Johnstone
Lang, Hugh, M.D., C.M., 15 Kensington park road, London, W.
Lang, Hugh M., M.D., Broadmeadows, Selkirk
Lang, James, M.B., C.M., 243 Gt. Eastern rd., Glas.
Lang, John M., LL.B., writer, 4 Orr sq., Paisley
Lang, John M., D.D., min., 5 Woodlands ter., Glas.
Lang, Jos., M.A., teacher, Academy, Hamilton
Lang, Marshall B., B.D., minister, Old Meldrum
Lang, Robt., M.A., minister, Tay square, Dundee

Lang, Thomas Halliday, minister, Ayr
Lang, Wm. H., B.Sc., M.B., C.M., Bridge of Weir
Lang, William R., B.Sc., F.C.S., Univ. assistant, 9 Crown gardens, Dowanhill
Langley, William L., M.D., Albion ho., Tramore
Langmuir, Robt., M.A., M.B., C.M., 38 Gladstone street, Glasgow
Langwill, James, D.D., minister, Currie, Edinburgh
Lapraik, Geo., M.B., C.M., 24 Blythswood sq., Glas.
Lapraik, Thomas, M.D., 24 Blythswood sq., Glas.
Latta, John, merchant, 138 W. George st., Glas.
Lauder, William, minister, Strachur
Laurie, James, M.B., C.M., 1 Shaw pl., Greenock
Laurie, Wm. L., M.D., Drimneil, Appin
Laverick, John T. B., M.B., C.M., Saltburn-by-Sea, Yorks
Lavery, Chas., M.B., C.M., Greenvale, Dumbarton
Law, James, M.A., stud., 159 Eglinton st., Glas.
Lawrence, Peter L., M.B., C.M., 55 Parliament street, London
Lawrie, Arch. C., district judge, Ceylon
Lawrie, Hugh, M.B., C.M., Capringstone cottage, Dreghorn
Lawrie, James, M.D., 6 W. Garden st., Glasgow
Lawrie, John, min., 3 Regent place, Leamington
Lawrie, James M., M.D., C.M., Weymouth
Lawrie, William J., M.D., C.M., 5 Barns st., Ayr
Lawson, James B., M.D., C.M., 15 Battery place, Rothesay
Lawson, Rod., minister, West Ch. Manse, Maybole
Lawson, William, M.B., C.M., 11 Glencairn drive, Pollokshields
Lawton, Arthur, M.B., C.M., Thornton, Poulton-le-Fylde
Lean, Geo., B.Sc., chemist, 15 Park ter., Glasgow
Leask, Henry L. G., M.D., C.M., 40 Garturk st., Glas.
Leck, David C., LL.B., barrister, Temple, London
Leckie, David, M.B., C.M., Barracks, Maryhill
Ledingham, Alex. N., M.B., C.M., Murrough park, Govan
Lee, Bremner P., M.A., advocate, 7 Frederick street, Edinburgh
Lee, John, M.A., C.E., 15 St. John's st., Mansfield
Lee, Walter E., M.A., min., Greenlaw dr., Paisley
Lee, Wm., M.A., tch., 100 N. Frederick st., Glas.
Leech, Jonathan, M.D., 21 Ely place, Dublin
Lees, James C., D.D., min., High Ch., Edinburgh
Lees, James F., M.B., C.M., Leafield, Girvan
Lees, Robert C., M.B., C.M., 1 Woodside pl., Glas.
Lees, Thos. M'C., M.D., C.M., 32 Nelson st., Green'ck
Leggatt, Wm., tch., Buchanan Inst., Glasgow
Leiper, And., B.D., min., 34 Abbotsford pl., Glas.
Leishman, John S., M.A., student, 56 Springfield road, Glasgow
Leishman, Thomas, D.D., minister, Linton
Leishman, Wm. B., M.B., C.M., Blairmore
Leitch, Alexander, M.B., C.M., Gourock
Leitch, John G., M.D., Thornhill, Perthshire
Leitch, John W., B.Sc., manufact'r, Milnsbridge, Huddersfield.
Leitch, John W., M.A., stu., Ardmaleish, Port-Gl.
Leitch, Robert, M.A., min., Blackfordby, Burton-on-Trent.
Leslie, David, M.D., 1 Queen's rd., London, S.W.
Lester, Wm. R., M.A., engineer, 11 W. Regent st., Gl.
Levenston, Samuel, M.D., 6 Hope st., Glasgow
Levine, Abraham, M.A., actuarial clerk, London
Lewars, John, M.A., minister, Lesmahagow
Lewis, Chas. A., M.B., C.M., Castleton, Manchest
Lewis, David, M.B., C.M., Trelech, Llanfyrnach
Lewis, James, minister, Leith
Lewis, John Paterson, M.D., Dalbeattie
Lewis, John R. M., M.D., Kingston-on-Thames
Lewis, Robt., M.A., tch., 39 Kyle pk., Uddingsto
Leys, Geo. M., M.A., law agt., 34 St. And. sq., Edi
Leys, John K., M.A., barr., Hampton hill, Mid'se
Liddell, John, M.A., law student, 4 Cobden plac Mount Florida
Liddle, David F., M.A., stu., Gilmerton, Crieff
Liddle, Wm. T., M.B., C.M., 20 Monteith row, Gla
Ligat, Dav., M.B., C.M., 414 Oldham rd., Manch'te
Lillie, Thos. H., LL.B., writer, 6 Eton tr., Hillh'
Lindsay, Alex., M.B., Rannoch house, Tranent
Lindsay, Alex., M.D., Springbank, Buchlyvie
Lindsay, Arch. M., M.A., prof., 87 W. Regent st., Gl
Lindsay, James, B.Sc., B.D., min., Kilmarnock.
Lindsay, John, M.A., M.B., C.M., 44 Grant st., Glas
Lindsay, John, M.D., Lesmahagow
Lindsay, Robt., teacher, 12 Florence pl., Glasgo
Lindsay, Robt. C., B.Sc., prin., Venice st. sch., L'p
Lindsay, William, M.A., minister, Bishopbriggs
Lindsay, William A., M.A., Univ. assistant, Glas
Lindsay, Wm. C., M.A., min., Albany dr., Ru'gle
Lindsay, Wm. C., M.A., tch., 5 Glenavon ter., Part'l
Lindsay, Wallace M., M.A., fellow, Jesus Coll., Oxf
Lindsay, Wm. Y., M.A., minister, Dreghorn
Linn, John F., M.A., minister, Airlie, Kirriemui
Lithgow, John, M.B., C.M., Langbyres, Cleland
Little, Jas. A. S., M.A., stu., 302 Bath cr., Glasgo
Little, Wm., M.D., C.M., 4 Church st., Dumbarto
Little, Robt., M.D., 105 Gt. Victoria road, Belfas
Littlejohn, James B., M.B., C.M., Amity College Iowa
Littlejohn, John M., B.D., LL.B., president Amity College, Iowa
Livingston, John, M.A., teacher, Ballachulish
Livingstone, Alex. C., M.A., probationer, Dell rd., Campbeltown
Livingstone, James, M.D., Wishaw
Livingstone, John, M.D., C.M., Barry Dock, Glam.
Livingstone, Neil, D.D., min., 7 Carrick pk., Ayr
Livingstone, Peter, M.B., C.M., 144 Yorkshire st., Rochdale
Livingstone, Robert, M.D., Wishaw
Livingstone, Tho., M.D., C.M., Stanhope, Darlingt'n
Livingstone, Wm., M.B., C.M., 17 Hill st., Wishaw
Lloyd, David, M.B., C.M., Ty Mawr, Llanrhaiadr, Denbigh
Lloyd, Evan, M.B., C.M., Tregaron, Aberystwith
Lloyd, Jas., M.B., C.M., Llanddeinol, Aberystwith
Lloyd, James H., M.A., cl. in holy orders, Llandilo
Lochhead, And. F., B.L., writer, 95 High st., Paisley
Lochhead, David, clerk, 117 W. Graham st., Glas.
Lochhead, John, min., Carrick ho., Cheltenham
Lochhead, James, B.L., writer, Blairgowrie
Lochhead, Kerr, B.Sc., C.E., 33 Gordon st., Glas.
Lochhead, Mat., B.Sc., M.B., C.M., Gleniffer, Pais.
Lochore, Gavin, minister, Kirkwall
Lockhart, Arch. J., col., 21 Inverleith row, Edin.
Lockhart, Wm., M.A., min., Colinton, Edinburgh
Lodge, Richd., M.A., professor, University, Glas.
Logan, George, B.D., minister, Inverbrothock
Logan, Jas. R., M.B., C.M., 43½ Main st., Wishaw
Logan, John R., M.A., tch., 311 Onslow dr., Glas.
Logan, Robt. H., M.A., min., Chalmers Ch., Dundee
Logan, William, M.A., min., Bloomgate, Lanark

Logan, Wm., B.D., minister, Turriff
Loggie, Wm. W., M.A., teacher, Academy, Ayr
Logie, John W., M.B., C.M., 2 Caird drive, Partick
Logie, Joseph B., M.A., prob., 58 Atholl st., Perth
Lonie, John, M.D., C.M., 148 North road, Preston
Longwill, David, M.B.,C.M., Main st., Rutherglen
Longwill, John, M.A., teacher, Rowantreebank, Alexandria
Loosemore, Wm. C., M.A., min., 12 St. Mary's pl., Bury
Lorimer, John C., M.A.,adv., 9 Glou'ster pl., Edin.
Lorimer, Robt., M.A.,min.,Strathmartin,Dundee
Lorraine, Joseph C., M.A., minister, Caerlaverock
Lothian, Alex. V., M.A., B.Sc., tch., 11 Holborn terrace, Kelvinside
Lothian, Robt. B., M.B.,C.M., 6 Newton ter., Glas.
Loudon, Alex., B.D., min.,West Parish,Galashiels
Loudon, Joseph, M.A., minister, Roslin
Loudon, Jas. L., M.B.,C.M., Linnwood, Hamilton
Loudon,Robt. H.,M.A.,tch.,Belhaven ter.,Wishaw
Loudon, Robt. T., M.A., min., Cockpen, Lasswade
Louttit, John D., M.B.,C.M., 55 Renfrew st., Glas.
Love, Duncan, M.B., C.M., Cumbernauld
Love, James D., M.B., C.M., Janefield, Ayr
Love, John, M.D., 270 Bath street, Glasgow
Love, Jas. K., M.D.,C.M., 4 Matilda pl.,Stra'bungo
Love, John, M.B., C.M., Geilsland, Beith
Love, John, farmer, Burnside, Rutherglen
Love, Robert, M.A., student, Janefield, Ayr
Lovell,Thos. M.,M.A.,tch., Murray pl., Coatbridge
Low, And. R., M.A., missy., Alwar, Rajputana
Low, James P., M.B., C.M., 4 Erskine street, Alva
Low, Wm. H., M.A.,law cl., 7 Park tr., Cape Town
Lowe, Alex., M.B., C.M., Bailey st., Brynmawr
Lowndes,Hy. F., B.L.,writ.,162 Buchanan st.,Glas.
Lowrie,Adam,M.A.,tch.,Cambusnethan,Wishaw
Lowrie, Andrew, M.A., minister, Ballyshannon
Lowson, Charles, M.B., C.M., 217 St. George's rd., Glasgow
Lowson, George, M.B., C.M., William st., Dundee
Lucas, Jas.,M.A., tch.,5 Westbank tr., Shettleston
Lucas,Wm. L. M.,B.L.,writ.,2 Thornw'd tr.,Part'k
Lumgair, John, merchant, 12 Pentland tr., Edin.
Lumsden,Chas. H.,M.B.,C.M. Glenburn, Port-Gl.
Lumsden, Geo., M.B.,C.M., Pateley Bridge, Leeds
Lumsden, Harry, M.A., B.L., solicitor, 2 Castle street, Irvine
Lundie, Alexander, minister, Torryburn
Lusk, Wm., M.A., law appr., Lochvale, Dumfries
Lyall, Dav. G., B.L., writ., 69 W. Regent st., Glas.
Lyall,Robt. H.,M.A.,curate,Bolton rd.,Farnworth
Lyell, John H., M.B., C.M., 16 Rose ter., Perth
Lyle, Jas., M.A., teacher, Ellangowan, Lenzie
Lyle, Thos.,M.D.,C.M.,34 Jesmond rd.,Newcastle-on-Tyne
Lyness,Miss Eliz. D.,M.B.,C.M.,8 Balmoral cr.,Gl.
Lynn, Jos. M., M.D., surg.-major, Melbourne ter., Armagh
Lynn, Tho., M.D.,C.M., 1 Fitzclarence st.,Liv'pool
Lyon, John, M.D., C.M., H.M.S. Impregnable, Devonport
Lyon, Robt., M.B., C.M., 229 High rd., S. Tottenham
Lyons,Harry S.,M.D.,C.M.,94 Richm'd rd.,London
Lytteil,William, M.A., minister, Longton,Carlisle

Mack, John, B.D., prob., Douglas cott., Baillieston
Mack, William, M.D., Springfield, Airdrie
Macklin, Thos. T., M.D., St. Mary's, Isles of Scilly
Maddever,John C.,M.D.,C.M.,Brownhills,Walsall
Main, Geo. A., M.B.,C.M., 46 Stamford rd.,Mossley
Main, James, B.D., minister, Closeburn, Dumfries
Main, James T., M.A., minister,Dubbo,N.S.Wales
Main,Robert,B.Sc., analyst,Runkerry,Dumbreck
Mair, Alex., D.D., min., 25 Greenhill gds., Edin.
Mair, George, tch., Industrial sch., Helensburgh
Mair, James, M.B., C.M., Dreghorn, Irvine
Mair, Jas., M.A., missionary, Beawar, Rajputana
Mair, James, B.Sc., teacher, Tollcross
Mair, John, D.D., minister, Southdean, Hawick
Mair, John, B.L., writer, 162 St. Vincent st., Glas.
Mair, Robt., M.B., C.M., 170 Berkeley st., Glas.
Malcolm, Robt. M., M.B.,C.M.,Charleston,Glamis
Malcolm, Wm., M.A., dir. tech. educ., County offices, Hamilton
Malloch,Jas. M., M.A.,writ.,49 W. Regent st.,Glas.
Mann, David, minister, Wamphray
Mann, John, M.A., prin., Kushnagar, Bengal
Mann, John, M.A., C.A., 188 St. Vincent st., Glas.
Manners, Hugh,M.A.,B.Sc.,rect.,Academy,A'drie
Manners, William H., M.B., C.M., Dundonald road, Kilmarnock
Manuel,Dav. G.,B.D., min., 28 Balhousie st.,Perth
Marchbank, John, M.A., tch., Dalry, Galloway
Markland-Fleming, Jas., min.,Calton, Edinburgh
Marquis,Dunc.,M.B.,C.M.,Phoenix st.,Lon.,N.W.
Marr, Don. M., LL.B., writ., Dunarden, Bearsden
Marr, Hamilton C., M.D., C.M.,Woodilee Asylum, Lenzie
Marr, James, M.B., C.M., Coylton, by Ayr
Marr, James, M.A., stud., Knowehead, Mauchline
Marriott, Osborne D., M.D.,C.M.,Sevenoaks,Kent
Marsh, Ern. L.,M.B.,C.M.,1 Achray ter., Langside
Marshall, Alexander, M.A., minister, Callander
Marshall, Alexander P., High street, Dalintober
Marshall, Campbell S., M.B., C.M., 4 Kelvinside gardens, Glasgow
Marshall, George, M.B., C.M., 20 Westminster terrace, Glasgow
Marshall, Jas., M.B., C.M., 18 Chester rd., Halifax
Marshall, James, B.D., minister, Houndwood
Marshall,John, of Chapelton,63 Hamil'n dr., Glas.
Marshall, John, M.B.,C.M.,asyl.,Bridgend, Glam.
Marshall,Jno.,M.B.,C.M.,Auch'gramont, H'milton
Marshall, John A., B.L., writer, 208 St. Vincent street, Glasgow
Marshall, John N., M.D., C.M., Galston
Marshall, John R., M.B., C.M., Dean ter., Bo'ness
Marshall, John S., M.D., C.M., Hamilton
Marshall, John W., M.A., lect., University college, Aberystwyth
Marshall, Pet.,M.B.,C.M.,Dalsholm cot., Maryhill
Marshall, Robert J., M.D., C.M., Friedensheim, Girvan
Marshall, Robt. M., M.B., C.M., Infir'y, Oldham
Marshall, Theo., M.A., min., 22 Queen st., Edin.
Marshall,Thos., M.A., min., F.C. Manse, Dalziel
Marshall, Thos. B.,M.B.,C.M.,Millfield,Newmains
Marshall, Wm., M.A., tch., 27 Derby st., Glasgow
Marshall,Wm., M.B., C.M., Ebchester, Newcastle-on-Tyne
Marshall, William G., M.A., M.B., C.M., 63 Hamilton drive, Glasgow
Martin, Alex., B.D., min., Holehouse, Neilston
Martin, All.,M.A.,stu.,31 Newark dr.,Polloksh'ds
Martin, James, min., Academy road, Stranraer
Martin,Jas.,M.A.,cashier,17 Princes st., P'shields

Martin, John, M.B., C.M., Cowgate st., K'kintilloch
Martin, John H., M.A., M.B., C.M., Hamilton place, Langside
Martin, Matt., M.B., C.M., 53 Whitevale st., Glas.
Martin, Peter M., minister, Durban, Natal
Martin, Robert, student, Rosepark, Bothwell
Martin, Thomas, M.A., minister, Lauder
Martin, Thos., M.A., stud., 8 Kelv'side gds., E., Glas.
Martin, Thos. M., M.B., C.M., 4 Kensington ter., South Shields
Martin, Wm., M.B., C.M., Thorne, by Doncaster
Martin, Wm., M.A., B.Sc., 31 Newark dr., Polloks'ds
Martin, William F., M.A., missionary, Spur Tree P. O., Jamaica
Martyn, Harry S., M.A., stud., Helensholme, A'drie
Marwick, Dav. W., LL.B., W.S., 14 Hill st., Edin.
Mason, Arch., M.B., C.M., Thorold cott., Strathaven
Mason, Gavin, minister, Sandbank, by Greenock
Mason, Hen., M.D., C.M., 52 London rd., Leicester
Mason, Jas., M.D., Montgomery house, Sheffield
Mason, Wm., M.B., C.M., Thorld cot., Strathaven
Masterton, John, M.B., C.M., 362 St. George's rd., Glasgow
Masuda, Reisaku, B.Sc., C.E., ry. dep., Tokyo
Matheson, Geo., D.D., min., 19 St. Bern'd's cr., Edin.
Matheson, Hugh, B.D., minister, Lybster
Matheson, John C., M.B., C.M., Salen, Fort-William
Mathieson, Alex. L., M.B., C.M., Pitsmoor, Sheffield
Mathieson, Geo., M.B., C.M., Clachan, Argyll
Mathieson, Jas. E., banker, 58 Ladbroke gr., Lon. W.
Mathie, Benj., rector, Hruden, Sunderland
Mathie, John, M.B., C.M., Bilston, Staffs
Mathie, John W., M.B., C.M., 33 Monteith row, Glas.
Matthews, David, B.Sc., M.B., C.M., Glenluce
Matthews, Jas. N., M.B., C.M., Rose cot., Dromore
Maxwell, James, M.D., C.M., Tobermory, Mull
Maxwell, Thomas, merchant, 28 Hope st., Glasg.
Maxwell, Thomas, M.D., Westhill ho., Guildford
Maxwell, William, M.A., minister, Cardross
Mayberry, Thos. D., M.D., Kerry Militia, Tralee
Mearns, And., min., Farringdon st., Lon., E.C.
Mearns, Peter, minister, Coldstream
Mechan, Arthur, M.B., C.M., 2 Victoria cr., Glas.
Mechan, Jos., M.B., C.M., Willesden green, Lon.
Mecredy, Robert D. W., M.B., C.M., Nettlesworth
Meighan, Thos. S., M.D., C.M., 219 Gallowgate, Glas.
Meikle, And. W., M.A., eng., 46 Maxwell dr., P'sh'ds
Meikle, James, B.D., minister, Manse, Alyth
Meiklejohn, Jas. C., min., 6 Lauriston gds., Edin.
Meiklejohn, John, M.A., min., Dorcas st., M'bourne
Mein, Alex., manuf., 12 Buckingham ter., Glas.
Melville, Alex. P., M.A., W.S., Polwarth ter., Edin.
Melville, Peter, B.D., minister, Rendall, Orkney
Melvin, David, 161 Cowley Road, Oxford
Menzies, Dav. M., M.A., stu., 211 Crown st., Glas.
Menzies, Jos. H., M.A., stu., 289 Allison st., Glas.
Menzies, Thomas J., M.A., B.Sc., lecturer, 211 Crown street, Glasgow
Merrow, David S., B.D., prob., 2 Hillington pk. circus, Govan
Merrylees, Chas. J. T., M.A., minister, Bainsford, Falkirk
Metcalfe, Wm., B.D., prob., South manse, Paisley
Middleton, Arthur S., M.A., student, 11 Berlin terrace, Pollokshields
Middleton, Geo., LL.B., writer, 262 Bath st., Glas.
Middleton, George S., M.D., C.M., 8 Woodside place, Glasgow
Middleton, John, M.A., stud., 26 South st., G'nock
Middleton, Robert W., M.B., C.M., Westfield terrace, London, S.W.
Middleton, Thomas H., B.Sc., C.E., lecturer University college, Aberystwith
Middleton, William, M.D., C.M., Mullingar
Middleton, William, M.D., Milltown Pass, W.Meath
Millar, Alexander, M.A., farmer, Huntly farm, Longforgan
Millar, Andrew, M.A., minister, Torphins
Millar, Arthur D., M.A., tch., Spier's sch., Beith
Millar, Duncan M., M.B., C.M., Kilmelford, Argyll
Millar, George, minister, Osborne pl., Dundee
Millar, James, minister, 3 Ann st., Edinburgh
Millar, Jas., M.A., stud., Upper Coul, Auch'arder.
Millar, James, M.D., 300 London road, Glasgow
Millar, James, B.D., minister, New Cumnock
Millar, Jas. B., M.B., C.M., Mossview, Newmains
Millar, James G., LL.B., advocate, Edinburgh
Millar, John N., M.B., C.M., Wombwell, Yorks
Millar, Wm., M.B., C.M., 55 Westgreen rd., Lond.
Miller, Alfred E., M.B., C.M., Laxey, Isle-of-Man
Miller, Alex., min., Redfern, Sydney
Miller, Alexander, min., Newbigging, Dundee
Miller, Arthur W., M.B., C.M., Clydeview, Partick
Miller, David, LL.B., writ., Union manse, Lenzie
Miller, David, M.A., min., F.C. manse, Stranraer
Miller, Donald, M.A., minister, Genoa
Miller, David R., M.B., C.M., 31 Windsor ter., Glas.
Miller, Edward, M.A., min., F.C. Manse, Newtyle
Miller, George, M.B., C.M., 72 Cross Lane, Salford
Miller, Henry, min., 214 Goldhawk rd., Lond., W.
Miller, Harry C., M.A., organist, Skelmorlie
Miller, Hugh, M.A., minister, Shandon
Miller, Hugh. M.A., tch., 4 Clutha st., Glasgow
Miller, Jas., B.Sc., manuf. ch., 1 Lilybank ter., Gl.
Miller, James, M.D., C.M., 13 King st., Dundee
Miller, Jas. H., M.A., tch., 10 Hamilton ter., Partick
Miller, James R. M., M.A., M.B., C.M., 2 Somerset place, Glasgow
Miller, John, minister, Newton-on-Ayr
Miller, John, M.D., C.M., 323 Springburn rd., Glas.
Miller, John, M.B., C.M., 41 Dean st., Stewarton
Miller, John, M.A., minister, Duns
Miller, John, M.A., tch., 363 Dalmarnock rd., Gl.
Miller, John F., M.A., min., F.C. manse, Millerston
Miller, John H., M.A., minister, Belford
Miller, John H., M.A., min., Elie, Fife
Miller, John L., M.D., 155 Collins st., Melbourne
Miller, John M., M.B., C.M., Stanlane, Largs
Miller, Ralph, 83 Taylor street, Glasgow
Miller, Robt., M.D., C.M., 96 Forest lane, Lond. E.
Miller, Robt., M.A., M.B., C.M., 13 King st., Dundee
Miller, Robt. A., M.B., C.M., Spittalfield, Dunkeld
Miller, Robt. C., M.B., C.M., Dervock, Co. Antrim
Miller, Robt. G., M.B., C.M., 10 Newton pl., Glas.
Miller, Robert K., M.B., C.M., 363 Dalmarnock road, Glasgow
Miller, Thos. H., M.A., math. lect., Isleworth, Lond.
Miller, Thomas, minister, Craigie, Perth
Miller, Thomas, M.B., C.M., Lennoxtown
Miller, Wm. D., M.B., C.M., 51 Cecil st., Hillhead
Miller, Wm. G., LL.B., adv., 39 Albany st., Edin.
Miller, Wm. J. S., M.A., stu., 4 Doune ter., Glas.
Miller, William M., B.Sc., C. and M.E., 12 St. Andrew square, Edinburgh
Milligan, Jas., M.A., tch., Garnethill sch., Glas.
Milroy, Adam, D.D., min., Moneydie, by Perth

Milroy, William L., M.A., minister, Abernyte
Mills, John, M.A., minister, Dundee
Milne, Thomas, B.D., min., Kinloch, Blairgowrie
Milne, Wm., M.A., min., 16 Wellington st., Glas.
Mirrlees, William J., B.Sc., student, 42 Aytoun road, Pollokshields
Mitchell, Alex., M.D., C.M., Regent rd., Great Yarmouth
Mitchell, Alexander, M.A., minister, Linlithgow
Mitchell, Alexander M., LL.B., writer, 160 W. George st., Glasgow
Mitchell, And., writer, 20 Woodside pl., Glasgow
Mitchell, And. A., LL.B., writ., 7 Huntly gns., Glas.
Mitchell, And. R., M.B., C.M., 9 Binnie pl., Glas.
Mitchell, David, M.A., minister, Warrenpoint
Mitchell, Dugald, M.D., C.M., 19 Battery place, Rothesay
Mitchell, Eben., M.A., st., 31 Witch rd., Kilmarn'k
Mitchell, George A., M.A., coalmaster, 2 Lilybank gardens, Glasgow
Mitchell, Jas. D., B.Sc., LL.B., J.P., D.L., Biggar
Mitchell, James D., M.A., student, Beauly
Mitchell, John C., M.A., writer, 160 W. George street, Glasgow
Mitchell, John O., LL.D., merchant, 69 E. Howard street, Glasgow
Mitchell, John P., B.Sc., minister, 9 St. Bernard's crescent, Edinburgh
Mitchell, John P., B.L., solicitor, Comrie
Mitchell, John, min., 2 Gordon ter., Shettleston
Mitchell, John, M.D., C.M., Barnard Castle
Mitchell, Robt., B.Sc., C.E., teacher, Lenzie
Mitchell, Trafford, M.D., C.M., Gorseinon, Glam.
Mitchell, Wm., M.A., tch., E.C. Normal, Glasgow
Mitchell, Wm. C., M.A., stu., 27 Holyrood qd., Gl.
Mitchell, Wm. J., M.A., B.L., writer, 38 Windsor terrace, Glasgow
Mitchell, William T., M.A., student, 3 Dalmeny terrace, Pollokshields
Mitchell, Wm., M.A., min., Ballyblack, Newtonards
Mitchell, Wm., M.A., teacher, Woodhall, Irvine
Moffatt, Alex., LL.B., advocate, 45 Northumberland street, Edinburgh
Moffat, David, M.B., C.M., 4 Walworth ter., Glas.
Moffatt, Jas., B.D., minister, Dundonald
Moffat, Jas., M.B., C.M., Church pl., Kirkcudbright
Moffat, Jas., M.B., C.M., 11 Walworth ter., Glas.
Moffat, Thos. D., M.B., C.M., 413 St. Vincent st., Glas.
Moffatt, Wm., M.A., teacher, Stonelaw avenue, Rutherglen
Moffat, Wm., B.D., minister, Elgin
Moffat, Wm. D., M.A., min., 16 Forth st., Edin.
Moir, James, professor, 146 Buchanan st., Glas.
Moir, James, M.B., C.M., Auckland, N.Z.
Moir, Robt. W., M.B., C.M., 76 Arlington st., Glas.
Moir, Wm. B., M.D., C.M., 16 Buckingham ter., Hillhead
Mollison, Hector A., B.Sc., engr., 6 Hillside gardens, Partickhill
Moncrieff, Hugh, B.L., writer, 45 W. George street, Glasgow
Monro, Alex. F., acct., 51 W. Regent st., Glasgow
Monro, James D. R., M.A., M.B., C.M., Roseneath, Hounslow
Monro, Thomas K., M.A., M.D., C.M., 10 Clairmont gardens, Glasgow
Monteagle, Hugh S. M., B.L., solicitor, 33 York place, Edinburgh
Monteagle, Henry W. B., M.D., C.M., Brunswick terrace, Pendleton
Monteath, Robt. K., min., 21 Abbotsf'rd pl., Glas.
Montgomerie, Arch., LL.D., teacher, 218 Bath street, Glasgow
Montgomerie, Robert, B.D., minister, Muirkirk
Montgomery, Archibald N., M.D., C.M., 1 Ardgowan terrace, Glasgow
Montgomery, James B., M.D., Penzance
Montgomery, Wm. M., M.B., C.M., Shelburne, Saltcoats
Moodie, James, M.A., tch., 121 Finlay dr., Glasgow
Moody, Andrew, D.D., missionary, Buda-Pesth
Moody, Camp. N., M.A., stu., Benvue, Bothwell
Moody, Robt. A., LL.B., writ., Benvue, Bothwell
Moody-Stuart, Alex., D.D., min., Annat, Errol
Mooney, David, M.D., Dungannon, Co. Tyrone
Moore, Alex. G., M.A., B.Sc., C.E., 13 Clairmont gardens, Glasgow
Moore, Cec. E., M.A., law cl., 1 Queen's gds., D'nhill
Moore, Chas. F., M.D., 10 Up. Merrion st., Dublin
Moore, James T., M.D., C.M., 121 Bath st., Glas.
Moore, John, B.D., minister, Old Meldrum
Moore, Ralph D., B.Sc., steel manufacturer, 13 Clairmont gardens, Glasgow
Moore, Robert T., B.Sc., C.E., 156 St. Vincent street, Glasgow
Moore, Wm. K., M.A., D.D., minister, Liverpool
Moore, Wm., M.B., C.M., 22 Barns street, Ayr
More, Richard, M.B., C.M., West Kilbride
Morgan, John, LL.D., minister, Humberston, Great Grimsby
Morgan, Rees, M.A., tch., County sch., Pontypr'd
Morison, Colin M., M.A., tch., 25 Bank st., Green'ck
Morison, Donald, M.B., C.M., Beeford, Hull
Morison, John, army chaplain, Colchester
Morison, John M. W., M.B., C.M., 11 Huntly terrace, Glasgow
Morison, Wr., D.D., min., Lansdowne rd., Lon., N.
Morris, Edward J., M.B., C.M., Britannia road, Menai Bridge
Morris, Geo. A., M.B., C.M., Cromwell, Otago, N.Z.
Morris, Rich., M.A., stu., Llanarmon, Ruabon, Wales
Morris, Robert, M.A., Madras C. S., 26 Lansdowne crescent, Glasgow
Morrison, Alex. C., M.B., C.M., Kinloid, Arisaig
Morrison, Alex. F., M.A., writer, 4 Victoria terrace, Dowanhill
Morrison, Archd. C., LL.B., writer, 3 Calside terrace, Paisley
Morrison, David A., M.A., stu., Aitken st., Dalry
Morrison, Duncan S., M.A., M.B., C.M., Ardrishaig
Morrison, Fred L., LL.B., writer, 22 Belmont gardens, Glasgow
Morrison, Hugh, M.A., minister, Killymurris
Morrison, Hugh T. S., B.D., prob., Aitken street, Dalry, Ayr
Morrison, James, minister, Corstorphine
Morrison, John, B.D., prob., 6 Brooklyn pl., Govan
Morrison, John, M.B., C.M., 4 Dawson ter., Carron
Morrison, John D., M.A., student, 17 W. Shamrock street, Glasgow
Morrison, Matt. J., B.Sc., manager, Johannesb'rg
Morrison, Thos. M., M.A., lect., F.C. Train. Col., Glas.
Morrison, Wm., B.Sc., C.E., 215 Bruntsfield place, Edinburgh
Morrison, Wm., M.D., C.M., 4 Victoria terrace, Dowanhill

Morrison, Wm., B.Sc., engineer, Carsaig, P'kshields
Morrison, Wm., M.A., stud., Lyleston, Cardross
Mort, Frank, M.B., C.M., 125 N. Montrose street, Glasgow
Morton, Alex., M.A., M.D., C.M., 45 Dixon avenue, Crosshill
Morton, Alex. Y., M.B., C.M., Huelva, Spain
Morton, Andrew, min., 3 Eyre pl., Edinburgh
Morton, And., M.B., C.M., 323 King's rd., Chelsea
Morton, Bruce B., M.B., C.M., 19 Elgin ter., Glas.
Morton, Chas., surg., R.N., 25 Barton st., London
Morton, James, M.B., C.M., 44 Whitehead's gr., London, S.W.
Morton, Jas., B.L., writer, Ardbeg, Cambuslang
Morton, John, M.B., C.M., 7 Hamilton st., Part'k
Morton, John, M.B., C.M., E. Gowanbank, Darvel
Morton, John K., M.B., C.M., Fairview ho., Dunscore
Morton, John M. M., M.B., C.M., 9 Wellington sq., Ayr
Morton, John N., M.A., writ., 62 St. Vinc. st., Glas.
Morton, Joseph B., M.B., C.M., 13 Aytoun road., Pollokshields
Morton, Robt., M.B. C.M., 432 London rd., Glas.
Morton, Robt. A., B.Sc., M.D., C.M., Carrick rd., Ayr
Morton, Wm., M.A., min., 4 Greenlaw av., Paisley
Morton, Wm., B.D., asst. min., Dalry, Ayr
Morton, Wm., M.A., tch., Braeview, Rutherglen
Morton, Wm. A., M.A., stu., 17 Hamilton st., Girvan
Morton, Wm. T., M.A., solicitor, 62 Sandgate, Ayr
Motherwell, Jas. S., M.A., tch., 48 Carnarvon st., Gl.
Mowat, Alex. G., M.A., M.B., C.M., Jalna, Hyderab'd
Mowat, Alex. G. T., M.A., tch., Barrow-in-Furn'ss
Mowat, Geo., M.B., C.M., Thortonhall, near Glas.
Mowat, Wm., M.A., teacher, Barrow-in-Furness
Moyes, And., M.B., C.M., 10 W. Princes st., Glasgow
Moyes, William B., B.D., minister, Strathblane
Muat, Wm. M., M.B., C.M., Lunderston Cottage, Inverkip
Muir, Adam C., M.B., C.M., 9 Newhall ter., Glas.
Muir, Alan, M.B., C.M., Ronaldshaw Pk., Ayr
Muir, Alex., M.A., teacher, Schoolhouse, Buckie
Muir, Dav., M.B., C.M., Lev'ngrove cott., D'mbart'n
Muir, David C., M.D., C.M., Cwmtillery, Mon.
Muir, James, M.D., C.M., Whifflet, Coatbridge
Muir, James, M.A., min., F.C., Kilbirnie
Muir, James, minister, Egremont
Muir, James, minister, Bridge-of-Allan
Muir, James, B.Sc., stu., 12 Randolph gds., P'tick
Muir, James F. M.D., C.M., 113 Scotch street, Whitehaven
Muir, James M. M., M.B., C.M., Wynyard, Tasmania
Muir, James S., B.Sc., Univ. assistant, 27 Huntly gardens, Glasgow
Muir, James S., M.B., C.M., 257 Saracen st., Glas.
Muir, Sir John, Bart., merch., 6 Park gardens, Glas.
Muir, John, M.A., minister, Grimsby, Ontario
Muir, John J., minister, Waterloo, near Liverpool
Muir, John K., M.B., C M., Maybole
Muir, John P., M.B., C.M., St. John's rd., Annan
Muir, Joseph, M.A., miss'y, 157 Bellfield st., Glas.
Muir, Thomas, M.A., LL.D., Educ. Dep., Cape Town
Muir, Thomas, B.D., minister, Methil, Fife
Muir, Thomas R., M.B., C.M., Maybole
Muir, William, M.B., 16 Monteith row, Glasgow
Muir, Wm., M.B., C.M., 82 Butler st., Manchester
Muir, Wm., B.D., B.L., min., F.C., Blairgowrie
Muir, Wm. C. C., M.B., C.M., Portarlington, Aust.
Muir, Wm. R., M.B., C.M., Harle Syke, nr. Burnley
Muirhead, Islay B., M.A., M.D., C.M., 26 Stoke Newington common, London, N.
Muirhead, Jas., M.B., C.M., Townhill, Dunferml'e
Muirhead, James L., minister, Wooler
Muirhead, John H., M.A., lecturer, 30 Aynhoe road, London, W.
Muirhead, Lewis A., B.D., minister, East Wemyss
Muirhead, Robt. F., B.Sc., tutor, 11 Hatton pl., Edin.
Muirhead, Wm., M.A., stud., Linwood, Paisley.
Muirhead, William, M.A., prob., Corrie, Arran
Mulholland, James A. D., M.B., C.M., Woodlands, N.Z.
Mungall, And., M.D., C.M., 6 Abbotsford pl., Glas.
Mungall, Walter H., B.Sc., C.E., Transy, Dunferml'e
Munn, Thomas, M.A., min., Newport, Fife
Munro, Alex., M.B., C.M., 383 Duke street, Glas.
Munro, Andrew, M.A., teacher, Canisby, Wick
Munro, Daniel, house agent, 39 Hope st., Glasgow
Munro, Don., M.D., C.M., Wheatholm, P'kshaws
Munro, Don., M.B., C.M., 7 Clarendon st., Partick
Munro, Finlay, M.B., C.M., Haverton hill, Stockton-on-Tees
Munro, Harry S., M.A., tch., 101 Greenhead st., Gl.
Munro, Hugh, minister, Kilchrenan, Dalmally
Munro, John L., B.D., min., 10 Brougham pl., Edin.
Munro, John M., M.A., min., Tarbert, Lochfyne
Munro, John W., M.B., C.M., 47 Gardner st., P'rtick
Munro, Robert, B.D., min., Kincardine-on-Forth
Munro, Wm. D., LL.B., law cl., Durban, Natal
Munsie, William, minister, Craigie, Perth
Murdoch, Alex., librarian, 13 Bothwell tr., Hillh'd
Murdoch, Alexander, minister, Sorbie
Murdoch, Andrew, M.B., C.M., 35 Sea rd., Bexhill
Murdoch, James W. A., M.B., C.M., Asylum, Wallingford
Murdoch, Robt. H. M., B.Sc., chemist, Stevenston
Murdoch, Wm., writer, 175 St. Vincent st., Glas.
Murie, James, M.D., LL.D., Leigh, Essex
Murphy, And. D., M.A., tch., Craig-Rossan, S'tcoats
Murphy, Wm. D., M.D., C.M., 41 Northumberland road, Dublin
Murray, Alex. F., M.A., stu., Glencart, Rutherglen
Murray, Alex., merch., 318 St. Vincent st., Glas.
Murray, Allan F., M.A., minister, Torphichen
Murray, And. G., B.L., solic., 41 W. George st., Glas.
Murray, Dav., M.A. B.Sc., tch., Glenfield, K'm'rn'ck
Murray, David, M.A., LL.D., writer, 169 West George street, Glasgow
Murray, Dan., M.D., Brig.-surg., Portrush
Murray, Don., M.B., C.M., 10 Keith st., Stornoway
Murray, Geo., M.A., min., Nicola, Brit. Columbia
Murray, Geo., M.A., stu., 15 Crichton rd., R'thesay
Murray, Geo. G. A., M.A., prof., University, Glas.
Murray, Hugh M., min., 68 W. Regent st., Glas.
Murray, Jas. B., M.A., tch., 17 Arlington st., Glas.
Murray, James R. E., B.Sc., assistant professor, 10 Albyn pl., Edinburgh
Murray, John, M.D., Cookstown, Co. Tyrone
Murray, John, M.D., C.M., Carluke
Murray, John, M.B., C.M., Maes cot., Rhayader
Murray, John C., LL.D., professor, M'Gill college, Montreal
Murray, Percy H., M.B., C.M., Albemarle road, Beckenham
Murray, Sam. J., M.A., tch., 353 Allison st., Glas.
Murray, Thos., M.A., minister, East Anstruther
Murray, William, M.A., minister, Penang
Murray, Wm. D., M.B., C.M., 6 St. Albans ter., Glas.

Murray, Wm., M.B., C.M., Montgomery pl., Newton
Murray, Wm. C., M.B., C.M., 3 Belmont st., Hillhead
Murray, Wm. H., M.B., C.M., Aytoun rd., P'kshields
Murray, Wm. M., M.A., student, 318 St. Vincent street, Glasgow
Mushet, James, min., 86 Ardgowan st., Glasgow
Muter, James, teacher, 375 Eglinton st., Glasgow
Macaffer, John, M.B., C.M., Bowmore, Islay
Macalister, Donald M., minister, 9 S. Mansion house road, Edinburgh
M'Alister, Ronald, minister, Dingwall
Macalister, William, M.B., C.M., Struan villas, Kilmarnock
Macalpine, Charles S., B.D., minister, 44 High st., Manchester
Macara, Jas. F. D., M.B., C.M., 2 Rochester pl., Glas.
Macara, John, B.D., prob., Craigmore, Rothesay
Macarthur, Alex., M.A., min., Monzie villa, Bl'rm're
M'Arthur, Alex. C., M.B., C.M., Chisleh'rst, Gour'ck
M'Arthur, Benj. W., M.D., C.M., 687 Hyde road, Manchester
M'Arthur, Dun., M.A., min., Kinnell, Arbroath
Macarthur, James I., M.D., C.M., West Kilbride
Macarthur, Jas., M.A., min., Kilmodan, Colintraive
Macarthur, Jas., M.A., clergyman, St. Mary's Vicarage, London, S.W.
Macarthur, John N., M.B., C.M., 34 High st., Paisley
MacArthur, John H., M.B., C.M., Etteridge, Kingussie
Macarthur, Neil G., M.A., min., Bowden, St. B'sw'lls
Macarthur, Peter, M.B., C.M., Grey abbey, Newtownards
M'Arthur, Robert F., M.A., M.B., C.M., 32 Weymouth street, London, W.
Macartney, Duncan, M.D., C.M., Partick
Macaulay, Angus, M.B., C.M., Lochs, Stornoway
Macaulay, Col. M., M.A., M.B., C.M., 30 Queen street, Perth
Macaulay, Donald, M.B., C.M., Clydeview, Partick
Macaulay, George, M.A., minister, Kilmaurs
Macaulay, John, M.D., 132 Ryehill, Newcastle-on-Tyne
Macaulay, John, M.A., clerg., Waverley, N.S.W.
Macausland, Robt. M.A., law clerk, Meikleriggs, Paisley
Macbeth, Jas., M.D., C.M., 16 Walton rd., Liverp'l
M'Birnie, Jas., teacher, 172 Stafford pl., Glasgow
Macbirnie, Stuart, M.B., C.M., Campview house, Callander
M'Bride, Charles, M.D., C.M., Square, Wigtown
M'Bride, Daniel, B.L., writer, 8 Strathleven pl., Dumbarton
M'Bride, Neil, minister, Glenisla, Alyth
M'Bryde, Chas., M.B., C.M., 47 Fore st., Port-Glas.
M'Bryde, Peter, M.B., C.M., 32 Grafton square, Glasgow
M'Call, Anth., M.B., C.M., Conisborough, Yorks
M'Call, Colin C., M.B., C.M., Glenbank, Lenzie
M'Call, Jas. M., M.B., C.M., Vet. coll., Glasgow
M'Call, John Drennan, minister, Ardrossan
M'Call, William, M.B., C.M., Beechwood, Irvine
M'Callum, Archd., M.A., stud., 10 Avon st., Glas.
M'Callum, Duncan, M.B., C.M., Salen, Aros, Mull
M'Callum, Gavin, M.B., C.M., 19 Baird street, Coatbridge
M'Callum, Gavin S., M.A., tch., 95 Douglas st., Glasgow
M'Callum, Hugh, M.A., tch., 69 Montrose st., Glas.
M'Callum, James A., LL.B., law clerk, Ardgay
M'Callum, John, minister, Kincardine, Ardgay
M'Callum, John, M.A., soap maker, 4 Gladstone terrace, Paisley
M'Callum, John D., M.A., minister, Larkhall
M'Callum, Julius, B.D., Miss'y, Colombo, Ceylon
M'Callum, Julius F., LL.B., writer, Ardskipness, Paisley
M'Callum, Mungo W., M.A., prof., Sydney, Aust.
M'Calman, Dove, M.D., C.M., Oban
M'Cartney, Robert T., B.Sc., farmer, Gatehead, New Cumnock
M'Cash, Jas., M.B., C.M., 19 Whitevale st., Glas.
M'Clay, James, M.D., C.M., East Peckham, Kent
M'Clelland, Arth. W., M.B., C.M., 39 Bridge street, Banbridge
M'Clelland, Robert B., M.D., Banbridge
M'Closky, James, M.B., C.M., 2 Clarence terrace, Stockton-on-Tees
M'Clumpha, John, M.A., assayer, Johannesburg
M'Clure, Alex. L., M.A., advocate, Edinburgh
M'Clure, Hugh H. C., M.A., law-clerk, 12 Kelvinhaugh street, Glasgow
M'Clure, James, M.B., C.M., sch'house, Riccarton
M'Clure, Jas. C., M.B., C.M., 51 W'bourne gds., Glas.
M'Clure, James C., min., Marykirk, Montrose
M'Clure, James H., writer, 13 Windsor ter., Glas.
M'Clure, Peter, LL.B., law-clerk, 296 St. Vincent street, Glasgow
M'Clure, Robert W., B. L., law-clerk, Riccarton
M'Clure, Wm., M.A., writ., 77 Newton st., Greenock
M'Coll, Daniel, M.B., C.M., 13 Holmscroft street, Greenock
MacColl, Donald S., M.B., C.M., Sydney, N.S.W.
M'Coll, John, M.A., min., 2 Lylesland ter., Paisley
M'Coll, Mal., M.A., draughtsman, Clydebank
M'Collum, Jas., M.D., C.M., Eglinton, Londonderry
Maconochie, W. G., M.A., min., Randwick, Sydney
M'Conechy, James, M.B., C.M., Bramley, Leeds
Maconechy, Jas., clerk in holy orders, 45 Norfolk square, London, W.
M'Connachie, Robt., M.A., tch., Arthurlie, B'rrh'ad
M'Connell, Wm., M.A., min., Gortnessy, 'Derry
M'Connochy, Jas., M.D., 12 S. Portland st., Glas.
M'Conville, John S., M.A., M.D., C.M., 27 Newton place, Glasgow
M'Corkindale, Dun., M.D., 11 Univ. gds., Glas.
M'Corkindale, John, M.A., min., Lochgoilhead
M'Cormick, Don., M.A., tch., Kilfinichen, Mull
M'Cormick, John A., M.A., stud., 12 Barrington drive, Glasgow
M'Cormick, William M., M.B., C.M., 62 Victoria street, Newton-Stewart
M'Cormick, Wm. S., M.A., prof., University Col., Dundee
M'Cosh, Robt. N., M.D., C.M., Royal Inf'y, Dundee
M'Cowan, John, tch., Kilchum, Ardnamurchan
M'Cowan, John, D.Sc., demonstrator, University college, Dundee
M'Cracken, Alex. H., M.B., C.M., Kilcreggan
M'Cracken, John, M.B., C.M., Coxwold, Easingwold
M'Creadie, Wm., M.B., C.M., 164 Ferry rd., Leith
M'Crindle, James R. R., M.B., C.M., Grange, Middlesborough
M'Crorie, Archibald, M.B., C.M., 30 Abbotsford place, Glasgow
M'Culloch, Allen, M.B., C.M., Forestrd., Tarporley
M'Culloch, Henry D., M.B., C.M., Murree, Punjaub

M'Culloch, James M., M.D., Dumfries
M'Cullough, Pat., M.B., C.M., Gortin, Tyrone
M'Culloch, Rich., writ., 109 W. George st., Glas.
M'Culloch, Thomas C., M.B., C.M., 249 Gallowgate, Glasgow
M'Cunn, John, M.A., LL.D., prof., Univ. Col., L'pool
M'Curtain, Dav. H., M.A., tch., 54 Kelbourne st., Gl.
Macdiarmid, Rod. C., M.B., C.M., Linares, Spain
M'Donald, Alex., M.A., assistant inspector of schools, 58 Millbrae road, Langside
M'Donald, Alex., M.A., teacher, 135 Hill st., Glas.
Macdonald, Alex. R., M.D., C.M., 18 Torphichen street, Edinburgh
M'Donald, Angus, B.Sc., teacher, Motherwell
Macdonald, Angus, M.A., min., Ullapool
Macdonald, Arch. M.G., M.B., C.M., 207 Caledonian road, London, N.
Macdonald, Archibald, minister, Barra, by Oban
Macdonald, Coll A., M.A., stud., Iona, Oban
Macdonald, Dav., M.B., C.M., Gl'nurquhart, In'ness
Macdonald, David, M.D., C.M., Nelville, Galston
Macdonald, David W., M.A., New Broad street house, London, E.C.
Macdonald, Don., M.B., C.M., 40 Ann st., Greenock
Macdonald, Don., M.A., teacher, Paible, N. Uist
Macdonald, Donald, M.A., min., Strontian
Macdonald, Don., B.D., prob., schoolho., Kilm'lco'm
M'Donald, Donald D., M.B., C.M., Vaichard Cottage, Beauly
M'Donald, Duncan, M.B., C.M., 112 Hill st., Glas.
M'Donald, Dun., M.B., C.M., Furnace, L'chfyneside
M'Donald, Duncan B., B.D., instructor, Hartford, Connecticut, U.S.A.
MacDonald, Farquhar, M.A., rector, Acad., Dingw'll
Macdonald, Gav. P., M.A., tch., Renwick pl., Dunoon
Macdonald, Geo. G., M.B., C.M., Crich, Derby
M'Donald, Jas., M.B., C.M., Merry st., Motherwell
Macdonald, Jas. W., B.D., prob., Ballinluig, Perthsh
Macdonald, James, B.L., writer, 108 W. Regent street, Glasgow
M'Donald, John, M.B., C.M., 89 Princes street, Ardrossan
M'Donald, John, M.A., M.B., C.M., 25 Roslea drive, Glasgow
Macdonald, John, M.A., teacher, 22 Willowbank crescent, Glasgow
M'Donald, John A., M.B., C.M., Woolsthorpe, Grantham
Macdonald, John, B.D., minister, Airdrie
Macdonald, John D., M.D., C.M., 20 Rutland crescent, Glasgow
Macdonald, Lach., M.A., clerg., St. Modoc's, Doune
Macdonald, Murdoch, minister, Nairn
Macdonald, Murd., M.A., tch., Dores, Inverness
M'Donald, Neil C., M.B., C.M., 396 Caledonia road, Glasgow.
Macdonald, Ran., M.A., st., Griminish, Benbecula
M'Donald, Robt., schoolmaster, Pub. sch., Galston
M'Donald, Roderick, minister, South Uist
Macdonald, Rod'k, M.B., C.M., Creagorry, So. Uist
Macdonald, Thos. F., M.B., C.M., Burgh house, Maryhill
Macdonald, Thos. R., M.B., C.M., Kingskerswell, Devon
M'Donald, Wm., M.D., 359 Argyle street, Glasgow
M'Donald, Wm. C. C., M.B., C.M., Poplar villa, Maryhill
Macdougall, Alex., M.B., C.M., 14 Hamilton street, Girvan
M'Dougall, Alex., M.A., tch., 3 Alexandria tr., Govan
Macdougal, John, M.D., C.M., 63 Rue end street, Greenock
Macdougall, Allan, minister, Rothesay
M'Dougall, And., M.A., tch., Pub. sch., Tarbert
Macdougall, Dugald, M.B., C.M., 15 Belgrave gardens, Dover
M'Dougall, Hugh, M.B., C.M., Barnes, Lond. S.W.
Macdougall, John, min., Strathconan, Muir of Ord
M'Dougall, John, M.B., C.M., 3 St. James pl., Exeter
MacDougall, John R., M.A., min., Bridge-of-Allan
M'Dougall, Neil, M.A., minister, Coll, Tobermory
Macdowall, Alex. B., M.A., journalist, Coolhurst road, London, N.
M'Dowall, James, min., Rosemarkie, Fortrose
M'Dowall, Wm., M.A., minister, Kirkmahoe
M'Elwee, Geo. M., M.A., B.Sc., min., 19 Larkdale street, Nottingham
M'Ewan, David, D.D., minister, London
M'Ewan, Dugald, M.D., Bedford
M'Ewan, Jas., M.A., min., Sydney pl. ch., Glas.
M'Ewan, Jas., M.B., C.M., 105 Sincl'r st., Helensb'h
M'Ewan, James W., M.A., B.Sc., min., 44 Fern grove, Liverpool
M'Ewan, John, minister, Rosneath
M'Ewan, John, 15 Shandwick place, Edinburgh
MacEwen, Alex. R., D.D., min., 25 Woodside pl., Gl.
Macewen, John A. C., B.Sc., stu., 3 Woodside cr., Gl.
M'Ewen, John B., M.A., tch., 9 Onslow dr., Glasgow
Macewen, Wm., M.D., LL.D., F.R.S., prof., 8 Woodside crescent, Glasgow
M'Ewing, Sam. H., M.A., stu., C'rmyle av., Tollcross
M'Fadden, John, M.D., Victoria road, Southsea
M'Fadyen, Donald, M.D., C.M., Park av., Stirling
M'Fadyen, John E., M.A., stu., 8 Dixon avenue, Crosshill
M'Fadyen, Jos. F., M.A., stu., 8 Dixon avenue, Crosshill
M'Fadzean, James, M.A., min., Colmonell, Girvan
Macfarland, John, M.A., minister, Rathmullen
Macfarlane, Andrew, min., 6 Stirling st., Glasgow
Macfarlane, Andrew, minister, 13 Lorne place, Mount Florida, Glasgow
MacFarlane, Bryce, B.D., prob., Mansefield, C'the'rt
Macfarlane, David, solicitor, Falkirk
Macfarlane, Duncan, M.A., min., Walston, Biggar
Macfarlane, Duncan, rector, Academy, Alloa
Macfarlane, James, M.A., minister, Leghorn
MacFarlane, John, B.L., writ., Mansefield, Cathcart
Macfarlane, John, retired tch., 60 Burrell st., Crieff
Macfarlane, John, minister, Maidenhead, Berks.
Macfarlane, John A., min., Urray, by Muir of Ord.
Macfarlane, John H., merchant, Cowlairs
Macfarlane, John M., B.L., solicitor, Jacksonville
Macfarlane, Mal., M.A., teacher, Bridge-of-Allan
Macfarlane, Thos. L., M.B., C.M., Bannockburn
Macfarlane, Walter, B.Sc., min., Everton, Liverpool
Macfarlane, William, M.D., C.M., Maybole
Macfarlane, Wm., M.B., C.M., 304 London rd., Glas.
Macfarlane, Wm. D., M.B., C.M., Ebenezer field, Busby
M'Farlane, Wm. M., M.B., C.M., Craigie, Kilmarn'k
M'Feat, Geo., M.B., C.M., 88 Hamilton st., Govan
M'Feat, Joseph, M.B., C.M., Newlyn ho., Govan
Macfie, Daniel, minister, 387 Duke st., Glasgow
Macfie, Geo. P., M.A., min., 108 High st., Montrose

Macfie, John, M.D., 176 Commercial rd., London, S.
Macfie, John M., M.A., missionary, Rajputana
Macfie, Norman M., B.D., minister, Tighnabruaich
Macfie, Sam., LL.B., writer, Ballycurrie, Rothesay
Macfie, Wm. Guelph, minister, 8 Glen st., Edin.
M'Gaw, Alexander, M.A., teacher, Golspie
M'Gee, Michael, M.D., C.M., 58 York st., Belfast
M'Geoch, Thos., M.B., C.M., Daljarrock, Ayrshire
Macgeorge, Robert J., min., Oreadia, Rothesay
M'Ghie, Robt., M.D., C.M., Woodland ho., Coatbr'ge
M'Ghie, Thos., M.A., tch., Chapelton, Hamilton
M'Gilchrist, Arch. C., M.A., stud., Bowmore, Islay
M'Gilchrist, John, B.D., minister, Fodderty
MacGill, Henry M., min., North Esk, Musselburgh
M'Gill, James, M.A., stu., Caledonia rd., Wishaw
M'Gill, Matthew, minister, Mauchline
M'Gill, William, M.D., 9 Jane street, Glasgow
M'Gillivray, Don., B.D., minister, Kinlochspelvie
Macgillivray, Dun., M.A., teacher, 37 Leven st., Pollokshields
MacGilvray, Duncan, M.B., C.M., 93 Pollok st., Glas.
M'Gilp, Alexander, B.D., minister, Colintraive
MacGilp, John D., M.A., min., Lockerbie
M'Glashan, Jas., M.B., C.M., 13 Stonebyres terrace, Partick
M'Glashan, Thomas, M.A., teacher, Killiecrankie
M'Gonigle, Wm. A., B.D., 48 North Bridge street, Sunderland
M'Gown, Joseph, M.B., C.M., Kincaidfield, Campsie
Macgregor, Alexander, min., Balquhidder, Crieff
Macgregor, Alexander, L.F.P.S.G., Helmsdale
M'Gregor, Alex., M.A., tch., 15 Willowbank st., Glasgow.
MacGregor, Andrew, min., Johnstone, Lockerbie
M'Gregor, And. N., M.D., C.M., 64 St. Geo. rd., Glas.
M'Gregor, Chris. S., M.A., coffee planter, Vera Cruz
M'Gregor, Don., M.A., M.D., C.M., Springmount, Jedburgh
M'Gregor, Dun. O., M.B., C.M., 52 Camden sq., Lon.
MacGregor, Ewen M., M.A., minister, Glenapp, Ballantrae
M'Gregor, George, M.A., tch., 156 Stanmore road, Mount Florida
M'Gregor, John, B.D., min., 52 Buccleuch st., Glas.
M'Gregor, John, M.D., 266 Netherfield rd., Liverp'l
M'Gregor, John, M.D., [illegible] Gallowgate, Glasgow
M'Gregor, John, M.D., C.M., Camp, Aden
M'Gregor, John, M.D., C.M., 1 Kensington ter., Ayr
M'Gregor, John F., M.D., C.M., Greenhead, Glas.
Macgregor, John F., M.B., C.M., S. Wigston, Leicester
Macgregor, John F., min., 93 Victoria rd., Crosshill
M'Gregor, John L., M.A., student, Commercial street, Alyth
Macgregor, Patrick F., M.D., C.M., Crichton Hall, Sanquhar
M'Gregor, Robert, M.A., minister, Holytown
Macgregor, Robert, M.A., tch., Carman, Manitoba
M'Gregor, Thomas W., M.A., minister, Carlton, Melbourne
M'Gusty, Thos. H., M.D., 49 Park avenue, Dublin
Macharg, Eben. S., C.A., 69 Buchanan st., Glasgow
Macharg, Wm. E., M.B., C.M., The Grove, Ibrox
M'Houl, Hugh M., M.B., C.M., Buchanan villa, Shawlands
M'Ilroy, James, M.B., Ballycastle, Antrim
M'Ilwaine, William, M.A., minister, Auchnacloy, Tyrone
M'Ilraith, Alex. H., M.A., ass. min., St. Stephen's, Glasgow
M'Ilraith, Chas. H., M.A., M.D., C.M., Selsdon road, London, S.E.
M'Ilraith, Jno. R., LL.B., barr., Temple, Lond., E.C.
M'Ilvean, Thos. D., M.A., stu., 11 Fullarton place, Irvine
MacIlwaine, John E., B.Sc., nav. arc., Brandon towers, Belfast
M'Ilwraith, Thomas, surgeon, Barrhill
Macindoe, Alex., M.D., C.M., 4 Coburg terrace, Sidmouth
MacIndoe, William L., LL.B., writer, Kirkcaldy
M'Innes, Alex., tch., 204 Dumbarton rd., Glasgow
M'Innes, Alex., M.A., asst. min., Prospecthill, Greenock
M'Innes, Duncan, minister, Battery ter., Oban
M'Innes, John A., M.A., tch., Pub. sch., Leven
M'Innes, Robert, minister, Ayr
M'Intosh, Angus M., M.B., C.M., 16 Church st., Partick
M'Intosh, Dun., M.B., C.M., 27 Wilton ter., Glasg.
M'Intosh, Jas., M.A., stu., 15 Renfrew st., Glasg.
M'Intosh, Jas., merch., 26 Burnbank ter., Glasgow
M'Intyre, Alex., minister, Kilbrandon, Oban
M'Intyre, Alex., 2 Avondale pl., Glasgow
Macintyre, Alexander, M.D., Ashbank, Innellan
Macintyre, Arch., M.A., stu., Caldersch., Coatbri'ge
MacIntyre, Dun., M.A., tch., Willieslea, Alexandria
M'Intyre, Geo., M.B., C.M., 17 Whitevale street, Dennistoun
M'Intyre, Hector D., M.A., eng., 39 Victoria st., London, S.W.
Macintyre, Hugh, M.B., C.M., Shoreditch Inf., London, N.
M'Intyre, James, minister, Seafield, Cullen
Macintyre, Jas., B.Sc., assayer, Johannesburg
Macintyre, John, B.L., writer, 10 Roxburgh st., Kelvinside
M'Intyre, John B. K., minister, Largs
Macintyre, John, M.B., C.M., 179 Bath st., Glasg.
M'Intyre, John, farmer, Bridge-of-Allan
Macintyre, John, minister, China
M'Intyre, John, M.D., C.M., Avoca, Natal
M'Intyre, John P., M.D., C.M., Doune
M'Intyre, Joseph M. B., M.A., asst. min., Largs
M'Isaac, James B., M.A., teacher, 179 Walmersley road, Bury
M'Ivor, John, B.D., min., Charlottetown, Pr. Ed. Isl.
M'Jannet, Ferguson M., M.B., C.M., Middlewich
M'Jannett, Miss Jane R. S., M.A., stu., 10 Bothwell terrace, Shawlands
M'Kay, Alex., M.D., C.M., Palmfield, Crook
Mackay, Alex. D., M.B., C.M., Esk, Durham
Mackay, Alex. N. D., M.A., sub-editor, Edinburgh
Mackay, And., B.L., writer, 82 Gordon st., Glas.
Mackay, Arch., M.D., C.M., Appin
M'Kay, Chas., M.B., C.M., Westonlee, Dumbarton
Mackay, Chas. G., M.B., C.M., Lochcarron
Mackay, Edw., M.B., C.M., 8 George's sq., Green'ck
Mackay, James, M.A., chaplain, Poona
Mackay, Neil, B.D., min., Ochiltree, Cumnock
Mackay, Dun., M.A., teacher, Academy, Ayr
Mackay, Herbert J. H., LL.B., barrister, 33 Chancery lane, London
Mackay, Hugh, M.D., C.M., Cambuslang
M'Kay, Jas., M.B., C.M., Westonlee, Dumbarton
Mackay, John, M.A., min., Abertarff rd., Inverness

Mackay, James L., LL.B., writer, 17 Camphill quadrant, Langside
M'Kay, John, minister, 377 Duke st., Glasgow
M'Kay, John D., M.A., law clk., 33 Mountstuart Road, Rothesay
Mackay, John M., B.L., writ., 5 Belmont ter., Glas.
Mackay, John Y., M.D., C.M., professor, Dundee
Mackay, Peter, M.A., schoolmaster, Valparaiso
Mackay, Rod. J., M.B., C.M., Glen ho., Stornoway
Mackay, Wm. A., M.B., C.M., 5 Belmont ter., H'head
Mackay, Wm. M., B.D., min., F.C. manse, Troon
M'Kean, Alex., M.B., C.M., Urr, Dalbeattie
Mackechnie, Alex., M.D., C.M., Bunessan
M'Kechnie, Alex. J., M.B., C.M., Sylhit, India
M'Kechnie, Chas. A., M.B., C.M., San Bernardino, California
M'Kechnie, Henry D., LL.B., writer, 514 St. Vincent street, Glasgow
M'Kechnie, John M., B.L., writer, 213 W. George street, Glasgow
M'Kechnie, Wm. S., LL.B., D. Phil., writer, Elderslie
Mackeggie, David, B.D., prob., Beauly
MacKeith, Alex. A., M.B., C.M., St. Thomas, Exeter
MacKeith, Donald, M.D., C.M., Sandhurst, Kent
M'Keith, John, M.B., C.M., Barnfield, Exeter
MacKellar, John A. C., M.A., stu., 461 St. Vincent street, Glasgow
M'Kellar, Peter H. M., M.A., M.B., C.M., 136 Warwick street, Pimlico, London
M'Kelvie, Geo., M.A., chaplain, Mhow, India
M'Kelvie, Robert B., M.D., Oban
M'Kendrick, John, M.B., C.M., Cowgate street, Kirkintilloch
M'Kendrick, John G., M.D., C.M., LL.D., F.R.S., professor, 2 Florentine gardens, Glasgow
M'Kendrick, John S., M.B., C.M., 2 Florentine gardens, Glasgow
M'Kenna, Fergus, M.B., C.M., P.O. bldgs., Girvan
M'Kenna, John, M.B., C.M., 169 Berkeley st., Glas.
M'Kenna, Peter F., LL.B., proc. fiscal, Ayr
M'Kenna, Robt., M.A., min., R.P. manse, Dumfries
MacKenzie, Alex. R., M.D., Rose cott., Fortrose
Mackenzie, Alex. R., LL.B., writer, 7 Gilmour street, Paisley
Mackenzie, Alex., M.A., tch., 7 Ramsay gns., Edin.
Mackenzie, Alex., minister, South Knapdale
Mackenzie, Alex., M.A., prob., 832 Govan rd., Govan
M'Kenzie, Dan., M.B., C.M., Annfield, Larkhall
Mackenzie, Daniel, 318 Campden rd., London N.
M'Kenzie, Daniel, M.B., C.M., 10 Ibrox pl., Glas.
M'Kenzie, Don., teacher, Heath cot., Muir of Ord
Mackenzie, Don., M.A., tch., Grampound road, Cornwall
Mackenzie, Ernest, M.D., C.M., Daisybank, Cheadle
Mackenzie, James, min., Kenmore, Aberfeldy
M'Kenzie, James A., M.A., tch., Hutchesons' sch., Glasgow
Mackenzie, James B., M.D., C.M., Birch lane, Longsight
M'Kenzie, John, min., 10 Hallside st., Glasgow
M'Kenzie, John, M.B., C.M., Brunswick terrace, Pendleton
Mackenzie, John B., B.D., min., Polmont
Mackenzie, John S., M.A., professor, 58 Claude road, Cardiff
M'Kenzie, Ken., M.A., teacher, Barvas, Stornoway
MacKenzie, Kenneth C., M.D., C.M., Tulla, co. Clare
M'Kenzie, Robert D., writer, Caldervan
M'Kenzie, Nigel B., banker, Fort-William
Mackenzie, Thos., M.A., M.D., C.M., Douglas, I. of M.
Mackenzie, William J., M.D., C.M., 151 Croydon road, London, S.E.
M'Kerrow, Chas., M.B., C.M., Croft ho., Workingt'n
MacKerrow, George, M.B., C.M., Ayr
M'Kerrow, John, minister, Pennycuick
MacKichan, Dugald, D.D., missionary, Bombay
M'Kie, And., M.A., farmer, Crocketford, Dumfries
Mackie, David, M.A., min., Albany, Stewartstown
Mackie, David, M.A., min., 3 Albany pl., D'mfries
Mackie, Jas., M.A., teacher, 2 Alberta ter., Hillh'd
Mackie, James, B.D., min., U.P. manse, Bothwell
M'Kie, John, M.B., C.M., 6 Canning place, Glas.
M'Kie, John, M.B., C.M., Altercannoch, Barrhill
Mackie, John, M.B., C.M., Cannon rd., Renton
Mackillop, Frederick G., LL.B., writer, 128 St. Vincent street, Glasgow
M'Killop, Gardiner H., B.Sc., C.E., Cranworth house, Hillhead
M'Kim, John, M.D., 12 Kelvingrove st., Glasgow
M'Kim, Robt. S., M.A., tch., High sch., Stirling
Mackinlay, Jas. M., M.A., 4 Westbourne gns., Glas.
M'Kinlay, Robt., M.A., min., New Pitsligo
M'Kinlay, Wm. A., M.B., C.M., 6 Clarendon st., Glasgow
Mackinnon, Charles, M.A., M.B., C.M., Dyer st., Cirencester
M'Kinnon, Dun. A., M.A., minister, Marykirk
Mackinnon, Duncan, M.A., min., Wanlochhead
MacKinnon, Jas., M.A., min., Kildalton, Islay
MacKinnon, John, M.B., C.M., Drymen
Mackinnon, Sir Wm. A., LL.D., K.C.B., 18 Victoria st., Lond., S.W.
Mackinnon, Wm. J., M.B., C.M., Argyll terrace, Tobermory
M'Kinstry, Wm. H., M.B., C.M., So. Dispensary, Liverpool
Mackintosh, Alex. J., M.D., C.M., Downham
Mackintosh, Alex. B., Hardington, Lamington
Mackintosh, Angus, M.D., Chesterfield
Mackintosh, Daniel, M.D., C.M., 1 Alexander square, London, S.W.
Mackintosh, Donald, M.D., 10 Lancaster road, London, N.W.
Mackintosh, Donald J., M.B., C.M., Western Infirmary, Glasgow
Mackintosh, Malcolm, M.D., C.M., Mortlake, London, S.W.
Mackintosh, Robt., B.D., prof., 1 Demesne road, Manchester
Mackintosh, Robert D., M.B., C.M., Rowallan, Kilmarnock
M'Kinven, Donald, M.A., teacher, Fettercairn
Mackirdy, Robert L., M.A., student, 85 Victoria street, Rothesay
Mackison, Francis, C.E., Stirling
M'Knight, John, minister, F.C. manse, Whitburn
Maclachlan, Arch., M.B., C.M., South Uist
MacLachlan, And., M.D., C.M., St. Brelades, London, S.E.
M'Lachlan, And., M.A., stu., 10 Polwarth cr., Edin.
M'Lachlan, David S., M.A., min., F.C., Blackford
M'Lachlan, Donald, M.A., tch., Port Ellen, Islay
M'Lachlan, Dug., B.L., writ., 33 Renfield st., Glas.
Maclachlan, Hugh D. C., M.A., student, Mount Pleasant, Bothwell

Maclachlan, James, M.B., C.M., Levenford cottage, Dumbarton
M‘Lachlan, Jas. C., M.A., min., E.U. manse, Lanark
MacLachlan, Jas., M.B., C.M., St. Blaines, Lock'rbie
M‘Lachlan, John B., B.L., writer, Helensburgh
M‘Lachlan, James M., M.B., C.M., 1 Springhill terrace, Glasgow
Maclachlan, John T., M.B., C.M., Levenford cottage, Dumbarton
M‘Lachlan, Lewis, M.B., C.M., Craighouse, Jura
M‘Lachlan, Peter, min., 70 Armadale st., Dennist'n
Maclachlan, William A., M.D., C.M., 204 M‘Neil place, Dumbarton
M‘Lachlan, Neil D., B.D., minister, Dalkeith
M‘Lachlan, Sam. F., M.B., C.M., Longtown
MacLae, Alex. C., writer, 147 St. Vincent st., Glas.
M‘Laren, Hugh, M.B., C.M., Pembroke cottage, Uddingston
M‘Laren, James A., M.A., adv., 55 Great King st., Edinburgh
M‘Laren, James P., M.A., B.Sc., M.B., C.M., Parkhurst, Claygate
M‘Laren, Jas. W., M.A., stu., 1 Osborne pl., Govan
M‘Laren, John F., writer, Glasgow
Maclaren, John F., B.Sc., Eglinton foundry, Glas.
M‘Laren, John P., M.B., C.M., Newport, Mon.
MacLaren, John, M.D., 21 Canning pl., Glasgow
M‘Laren, Wm., minister, 18 Berkeley ter., Glas.
Maclauchlan, Francis J., M.A., assistant minister, Blairhill, Coatbridge
M‘Lauchlan, Geo., M.B., C.M., 19 Findlay st., Glas.
M‘Laughlin, Jackson, M.D., C.M., Newt'nlimavady
M‘Laurin, William, M.B., C.M., 52 Richmond road, London N.
MacLay, Alex., B.Sc., C.E., Clairinch, Milngavie
Maclay, David T., writer, W. George st., Glasgow
Maclay, Jas., LL.B., writ., 3 Woodlands ter., Glas.
M‘Lay, John, M.A., min., 30 Brookvale av., Belfast
MacLay, Moses N., M.B., C.M., Mayfield, Eaglesham
M‘Lay, Robt., M.D., C.M., Brampton, Cumberl'd
M‘Lean, Alex. H., M.B., C.M., Stonehouse
M‘Lean, And., M.A., tch., Nat. bank bldgs., Paisley
M‘Lean, Angus, B.Sc., tch., Tech. Coll., Glasgow
M‘Lean, Arch., M.D., C.M., Manor villa, Peebles
Maclean, Daniel, B.D., min., U.P. manse, Alloa
Maclean, Donald, M.B., C.M., Bearpark, Durham
M‘Lean, Donald, M.B., C.M., Friar's croft, Irvine
M‘Lean, Donald, min., Crookston st., Glasgow
Maclean, Geo. T., M.A., stu., 3 Octavia tr., Green'k
M‘Lean, Hector, B.D., minister, Gorebridge
Maclean, James A., M.A., teacher, 113 High st., Dumfries
Maclean, Jas. H., B.D., prob., 13 Ardgowan street, Greenock
M‘Lean, James N., M.B., C.M., Strathleven villa, Dumbarton
M‘Lean, John, M.A., ass. min., Shiskine, Arran
M‘Lean, John, D.D., min., St. Columba's, Glasgow
M‘Lean, John, minister, Bracadale, Portree
M‘Lean, Joshua B., M.B., C.M., 25 Britannia sq., Worcester
Maclean, Miss Madge S., M.B., C.M., Ravenswood, Langbank
Maclean, Magnus, M.A., D.Sc., Univ. ass., Dowanhill
M‘Lean, Malcolm, B.D., minister, Brodick
M‘Lean, Peter, M.D., C.M., 1 Cecil pl., Glasgow
M‘Lean, Robert, M.A., advocate, Edinburgh
M‘Lean, Robt., M.A., tch., 289 New City rd., Gl.
M‘Lean, Robert, M.A., minister, 136 Upper Parliament street, Liverpool
M‘Lean, Wm., writer, 188 W. Regent st., Glasgow
M‘Lean, Wm. C., M.A., stu., 188 Ingram st., Glasg.
MacLehose, James J., M.A., bookseller, 7 University Gardens, Glasgow
MacLehose, Norman M., M.B., C.M., 13 Queen Anne street, London, W.
MacLehose, Robert, M.A., bookseller, 61 St. Vincent street, Glasgow
M‘Leish, James, minister, Wooler, Alnwick
M‘Lellan, Arch. N., M.B., C.M., 8 Berkeley ter., Glasgow
M‘Lellan, Basil S., M.A., teacher, 27 Beechgrove terrace, Aberdeen
MacLellan, Duncan, B.Sc., chemist, Annock bk., Helensburgh
M‘Lellan, Geo. D., LL.B., writer, 7 Kelvingrove terrace, Glasgow
McLelland, Alex., M.B., Ardenlee, Alexandria
M‘Lennan, Alex., M.B., C.M., 21 Sutherland ter., Glasgow
M‘Lennan, Kenneth F., M.D., 29 Florence place, Glasgow
M‘Lennan, Quintin, M.B., C.M., 191 Pitt st., Glas.
M‘Lennan, Simon G., M.A., min., 6 Erskine av., Dumbreck
Maclennan, Wm., M.B., C.M., 3 Buckingham ter., Hillhead
Macleod, Alex., M.A., stud., Kinloch, Stornoway
M‘Leod, Alex., minister, Kincardine, Ardgay
M‘Leod, Alex. L., M.A., M.B., C.M., 58 Hinckley road, Leicester
MacLeod, David T., M.B., C.M., Woodside, South Australia
Macleod, Donald, D.D., min., Park Ch., Glasgow
M‘Leod, Donald, M.D., Kilmarnock
Macleod, Don., M.D., C.M., 95 Gt. West. rd., Glas.
Macleod, Geo. S., M.A., minister, Carradale
Macleod, Herbert A., M.B., C.M., Ballia, India
Macleod, Jas. M., M.A., writer, 13 Kelvin dr., Glas.
Macleod, John, M.A., teacher, schoolhouse, Lairg
Macleod, John, D.D., minister, Govan
Macleod, John N., M.A., M.B., C.M., Manse, Govan
M‘Leod, Neil, factor, Feolin, Jura
Macleod, Norman, D.D., minister, Inverness
M‘Leod, Robt. L. R., M.B., C.M., Umballa, Bengal
Macleod, Roderick A., M.B., C.M., Invercargill
Macleod, Wm., M.B., C.M., 27 Holyrood qd., Glas.
Macleod, Wm. H., B.D., min., Buchanan, Drymen
M‘Lerie, Wm., solic., 25 Milk st., London
Macleroy, Campbell M., B.D., prob., Millerston
M‘Luckie, Robert, writer, Stirling
M‘Martin, Archibald, M.A., minister, Nigg
M‘Meikan, David, M.A., min., Campsie, Lond'd'ry
M‘Michael, Neil D., B.L., writer, 58 J. Finnie st., Kilmarnock
M‘Millan, Alex. L., M.B., C.M., 1 Roseberry ter., Glasgow
Macmillan, Camp., B.Sc., eng., 16 Dalhousie st., Glasgow
MacMillan, Don., M.A., min., 19 Westminster ter., Glasgow
M‘Millan, Duncan, M.B., C.M., Tarbert
M‘Millan, Geo. A., M.A., tch., Fisherton, Ayr
M‘Millan, Gilbert, minister, Loth, Golspie
M‘Millan, Hugh P., LL.B., stud., 70 Union st., Greenock

M'Millan, Jas., M.A., min., Kenmore, Aberfeldy
MacMillan, Jas., M.A., min., 18 Lilybank gds., Glas.
Macmillan, James, M.A., tch., High school, Glas.
Macmillan, John, M.B., C.M., Tighnabruaich
M'Millan, John I., M.A., stud., Argyle ho., Dollar
M'Millan, Robt., M.A., tch., 8 Arran terrace, Ayr
M'Millan, William, M.B., C.M., 1 St. Andrew's dr., Pollokshields
Macmorran, Rob. S., stud., F.C. manse, Dunoon
M'Morris, Robt., M.A., min., Manor-Cunningham
M'Munn, Robt., M.D., C.M., Port Royal, Dromaid
M'Murchy, Arch. K., M.A., minister, Scone
M'Murchy, Jas., B.D., min., 33 Moss lane, Liverp'l
M'Murray, Thos., M.B., C.M., 26 Canning st., Glas.
M'Murrich, Mal., M.A., M.B., C.M., Woodilee, Lenzie
M'Murtrie, James, M.A., tch., 65 Bank st., H'head
M'Nab, Alex. A., M.B., C.M., Clydesdale Bank, Bothwell
M'Nab, And., M.A., min., Whitechurch, Ontario
M'Nab, Chas., tch., 6 Alexandra ter., Edinburgh
M'Nab, David A., M.A., teacher, 24 Cann hall rd., Leytonstone, London
M'Nab, Jas., M.A., tch., 201 Main st., Shettleston
Macnab, James C. G., M.B., C.M., Dysart
M'Nab, John R., M.A., minister, St. David's, Kirkintilloch
M'Nab, Robert, M.D., Bury St. Edmunds
M'Nab, Stev., M.A., stud., 5 Woodside quad., Glas.
M'Nab, Wm. B., M.A., curate, St. James's, Longton, Staffs.
Macnair, Norman, B.Sc., stu., Dow'nhill gds., Gl.
M'Naught, James G., M.A., M.D., C.M., 11 Strathmore gardens, Hillhead
M'Naught, John C., B.D., prob., 11 Strathmore gardens, Hillhead
M'Naught, Robert, M.B., C.M., 11 Strathmore gardens, Hillhead
Macnaughtan, Jos., LL.B., writ., Fraoch, Bearsden
Macnaughtan, Wm., M.A., stu., Fraoch, Bearsden
MacNaughton, John, M.B., C.M., Auchintore, Fort-William
M'Naughtan, John, M.D., Prison, Perth
M'Naughton, Allan, M.D., C.M., Taynuilt
M'Naughton, George F. A., M.A., min., Carsphairn
M'Naughton, Joseph B., M.B., C.M., 23 Douglas street, London, S.E.
MacNaul, Hugh H., M.B., Grange, Oakengates
M'Nay, Thomas, M.B., C.M., Thornhill, Dumfries-shire
M'Neary, Alex., M.D., C.M., Garvagh, Ireland
M'Neill, Daniel, M.D., clergyman, Holm, Kirkwall
M'Neill, Duncan, M.A., minister, Auchenlochan, Tighnabruaich
M'Neill, Geo. A. C., M.A., cl., 5 Myrtle pk., Cr'hill
M'Neill, John, minister, Rutherglen
M'Neill, John H. H., B.D., prob., 5 Myrtle pk., Cr'hill
M'Neillie, Jas. C., M.B., C.M., 7 Princes st., Pollokshields
MacNicol, Archibald J., B.D., min., Cromarty
M'Nicol, Dan., M.B., C.M., 274 Gt. Eastern rd., Glasgow
MacNicol, Duncan, minister, Dunoon
MacNicol, Duncan C., B.D., min., Dunipace
Macnicol, Mal., M.A., M.B., C.M., Hugli, Bengal
Macnicol, Nicol, M.A., stud., F.C. manse, Dunoon
MacNicol, Peter, M.A., tch., 4 Oakfield tr., Hillh'd
Macnicol, Rod. R., M.A., stu., Lagganbuie, Dalmally
Macnie, Robt. L., B.D., prob., Crosshill farm, Rutherglen
M'Nish, James, M.B., C.M., 57 N. Sherwood st., Nottingham
M'Niven, James, M.A., min., F.C., Ardnamurchan
M'Omish, Robert, M.A., missionary, Bombay
M'Ouat, James E., B.D., min., Logiealmond
MacOwan, Wm., min., Acol road, W. Hampstead, London
Macphail, Alex., M.B., C.M., 13 Ann st., Hillhead
Macphail, Digby M., M.B., C.M., Linstead, Jamaica
M'Phail, Donald, M.D., C.M., Whifflet, Coatbridge
Macphail, Geo. R., M.A., min., Albert sq., Dundee
Macphail, James M., M.A., M.D., C.M., Chakai, Bengal
Macphail, John, M.B., C.M., Highfield, Barnsley
Macphail, John, M.A., tch., Wellington, N.Z.
MacPhee, Alex. M., M.A., cl. in holy ord., N. Sunderland, Chathill
MacPhee, Alex. S., B.D., min., Berea, Durban
Macphee, Angus, M.D., C.M., 2 Kirklee road, Kelvinside
M'Pherson, Alex. S., M.B., C.M., 1 Roslea drive, Dennistoun
M'Pherson, Charles, M.D., Bonar
Macpherson, Eben. B. H., M.A., min., Panbride
M'Pherson, Geo., M.A., M.B., C.M., 30 Maxwellton, Paisley
M'Pherson, George L., B.Sc., teacher, 30 Albert rd., Crosshill
Macpherson, James A., M.B., C.M., Barrhill, Girvan
M'Pherson, John, minister, Comrie, Crieff
MacPherson, John, M.A., min., Kinloss, Forres
Macpherson, John, minister, Jochdar, South Uist
MacPherson, John F., B.D., minister, 46 Margaret street, Greenock
Macpherson, Mal. D., M.A., B.L., writer, 172 St. Vincent st., Glasgow
M'Pherson, Richard B., M.D., C.M., Southbar, Cambuslang
Macpherson, William, B.D., min., N. Ronaldshay
M'Phun, John F., M.B., C.M., Garelochhead
Macquarie, John A., M.B., C.M., Peel, Isle-of-Man
MacQueen, Andrew, B.D., minister, 16 Beaconsfield place, Aberdeen
M'Queen, Jas., M.A., stu., 11 Regent Moray st., Glas.
M'Queen, John, M.A., min., Lochend, Campbeltown
M'Queen, John, B.Sc., engineer, 28 Canton street, London, E.
M'Queen, Wm. T., B.Sc., C.E., Cardonald, Govan
Macquistan, Arch. L., M.A., tch., 148 Comely park street, Dennistoun
M'Quisten, Alex., M.A., D.D., minister, Inverkip
Macquisten, Fred. A., B.L., writer, 134 St. Vincent street, Glasgow
Macrae, Angus F., M.A., writer, 4 W. Nile st., Glasg.
Macrae, Charles M., M.D., Stornoway
Macrae, David, minister, Dundee
Macrae, Donald, M.B., C.M., 1 Bow rd., London, E.
MacRae, Donald M., M.B., C.M., 83 Keith street, Stornoway
Macrae, Dun. M., M.A., stu., 83 Keith st., Stornoway
Macrae, Farquhar, M.B., C.M., Western Infirmary, Glasgow.
Macrae, James, LL.B., writer, 163 Sandyford st., Glasgow
Macrae, Jas., M.A., stu., 382 St. Vincent st., Glas.
Macrae, John A., minister, North Uist

Macrae, Roderick C., M.A., student, 10 Clarendon street, Partick
M‘Reddie, Percy G., M.B., C.M., Ash house, Wincanton
Macreight, William W., M.D., Tulchan, Torquay
M‘Ritchie, Peter, M.B., C.M., Woodside cottage, Renton
MacRobert, Alex. M., LL.B., law-clerk, Willows, Paisley
M‘Robert, James, M.A., min., Levenside, Renton
MacRobert, Peter C., M.B., C.M., Willows, Paisley
M‘Robert, Thos., M.A., min., E.U. manse, Dreghorn
MacRury, John, M.B., C.M., Manse, Barra
M‘Swaine, John F., D.D., min., Brisbane, Australia
M‘Taggart, Chas., M.A., M.B., C.M., Campbeltown
MacTaggart, James C., M.A., min., Isle of Whithorn
M‘Vail, David C., M.B., 3 St. James ter., Hillhead
M‘Vean, John D., M.B., C.M., Blane house, Lees, Manchester.
M‘Vicar, Colin, M.A., teacher, 113 Dempster street, Greenock
M‘Vicar, Peter, minister, Manor, Peeblesshire
MacVicar, William, minister, Ordiquhill, by Banff
M‘Vicar, William J., M.A., teacher, Hutchesons' school, Glasgow
M‘Vie, Wm., M.D., C.M., 214 Stanley rd., Bootle
M‘Walter, Wm., M.B., C.M., Dowanvale, Partick
M‘Whirter, James, min., 15 Queen's sq., London
M‘Whirter, Peter, teacher, New Aberdour

Nairn, Cuthbert, M.B., C.M., Houstoun square, Johnstone
Nairn, Robt. W., M.B., C.M., 21 Houstoun square, Johnstone
Naismith, Charles, min., 41 Romily st., Liverpool
Naismith, Jas. H., M.B., C.M., New Lodge, Hamilt'n
Naismith, Jas. S., M.A., B.Sc., stud., Stonehouse
Naismith, John A., M.B., C.M., 2 Knowe terrace, Pollokshields
Napier, Alexander, M.D., Crosshill, Glasgow
Napier, Chas., M.B., C.M., 10 Whitevale st., Glasg.
Napier, George G., M.A., merchant, 9 Woodside place, Glasgow
Napier, James, M.A., merchant, The Dunns, Old Kilpatrick
Napier, John, M.A., engineer, 9 Woodside pl., Glas.
Napier, Laurence T., B.L., advocate, Edinburgh
Neill, Henry, M.A., min., 30 Marlboro' st., Seaham
Neill, John, M.A., merchant, Glenfield, Greenock
Neil, John C., M.A., minister, Hoylake
Neilson, Henry J., M.D., C.M., Bulwell, Notts
Neilson, Robert T., B.L., writer, 7 Royal terrace, Crosshill
Neilson, Samuel C., M.A., minister, Downpatrick
Neish, Wm. A., M.B., C.M., 14 Belmont crescent, Glasgow
Nelson, Adam, B.D., prob., 5 Stanley st., Glasg.
Ness, Jas., LL.B., writer, 157 St. Vincent st., Glas.
Ness, Robert B., M.A., M.B., C.M., 9 Sandyford place, Glasgow
Ness, William F., M.A., M.B., C.M., Port-Glasgow
Nevin, Robt. J., M.B., C.M., W. Auckland, Durham
Newbigging, Thos. D., M.B., C.M., Seamill, West Kilbride
Newell, Alf. G., M.B., C.M., 14 Eldon st., Greenock
Newlands, G. F., LL.B., writer, 14 Grosvenor crescent, Glasgow
Newlands, Thos. S., B.D., min., Craigend, Perth
Newman, David, M.D., C.M., 18 Woodside place, Glasgow
Newton, Robert E., M.B., C.M., Litcham, Norfolk
Nichol, Harvey, M.A., min., Parton, Kirkcudbrt.
Nichol, Robert, M.B., C.M., 273 Dumbarton road, Glasgow
Nicholson, James, M.A., boilermaker, 6 Annfield place, Glasgow
Nicholson, Roderick, minister, Applecross
Nicholson, Wm. T., M.B., C.M., Vict. Infi., Glasgow
Nicol, James, M.D., Wornsick house, Llandudno
Nicol, John, Trefoil house, Shawlands
Nicol, John W., M.B., C.M., 1 Westbourne gardens, Kelvinside
Nicoll, George, M.B., C.M., Viewbank, Kirriemuir
Nicoll, Jas. H., M.B., C.M., 14 Somerset pl., Glasg.
Nicolls, George A., M.D., Gavisker, co. Kildare
Nicolson, Balf. S., M.B., C.M., Sawmill ho., Leven
Nicolson, David, M.A., teach., High sc., Brechin
Nicolson, Robert A., M.A., B.Sc., tch., 4 Holmhead terrace, Cathcart
Nielson, Andrew B., M.A., stud., Bank of Scotland house, Glasgow
Nimmo, Frank P., M.A., teacher, Victoria W., Cape Colony
Nimmo, William C., M.A., wool broker, Sydney, N.S.W.
Nisbet, Adam T., M.D., C.M., The Laurels, Newton Abbot
Nisbet, Hugh S. B., M.B., C.M., 56 Cadder street, Pollokshields
Nisbet, Jas. S., min., 49 Morningside dr., Edinb.
Nisbet, John, M.A., stu., Mavisbank, Partickhill
Nisbet, Robt. G., M.A., stu., 56 Cadder st., P'sh'lds
Nisbet, Thos., M.A., tch., 4 Nisbet st., Glasgow
Nisbett, Archibald, minister, Coldstream
Niven, Chas. R., M.B., C.M., 15 Copl'd rd., Govan
Niven, James, M.B., C.M., 36 Willowb'k st., Glasg.
Niven, Thos. B. W., B.L., writer, 50 West Regent street, Glasgow
Nivison, Jas., M.A., clerk, 100 High st., Sanquhar
Nixon, William, minister, 1 Seton pl., Edinburgh
Nolan, Henry P., M.D., 46 Bigget street, Dublin
Norris, Frederick L., M.B., C.M., Montserrat, W.I.
Nutting, Daniel C., B.Sc., naval officer, Washington, U.S.A.

Oastler, Jas., M.D., C.M., 5 W. Princes st., Glasg.
O'Hear, Joseph, B.L., solicitor, 95 Bath st., Glas.
O'Kelly, Edward T., M.D., C.M., Maynooth
Oliver, Archibald R., M.B., C.M., 21 Broompark drive, Glasgow
Oliver, John, M.A., minister, Maryhill, Glasgow
Oliver, Thos., M.D., C.M., 7 Ellison pl., Newcastle-on-Tyne
Oliver, Wm., M.A., min., Llanfynydd, Carmarthen
O'Neill, Charles, M.B., C.M., Coatbridge
Ormond, Hugh H., B.L., writer, Helensburgh
Ormond, Jas. H., M.B., C.M., 4 Meadowbank pl., Partick
Orr, Alex. B. S., M.D., C.M., 37 Alfred pl., Lond.
Orr, David, B.D., minister, 4 Osborne pl., Govan
Orr, David W., M.B., C.M., 123 Acre st., Lindley, Huddersfield
Orr, George, minister, 7 Hope street, Edinburgh
Orr, James, M.A., D.D., prof., Edinburgh
Orr, John, M.D., 63 Bellgrove street, Glasgow
Orr, John, minister, 179 Renfrew street, Glasgow

Orr, John, B.Sc., engin'r, 2 Albany ter., Whitley
Orr, John F., M.D., C.M., 1 Berlin ter., P'kshields
Orr, John Aitken, M.A., minister, Broxburn
Orr, Richard, M.A., tch., 614 Cathcart rd., Glasg.
Orr, Robert, M.D., 28 Burnbank gards., Glasgow
Orr, Robert W., minister, Brechin
Orr, William, M.A., prob., Bute place, Prestwick
Orr, Wm., B.L., solic., Hopefield house, Airdrie
Orr, William A., M.B., C.M., Johnstone
Orr, Wm. J., M.B., C.M., Darwhillan, Saltcoats
Osborne, Alex., M.A., min., Balgay ter., Dundee
Osborne, David, M.A., writer, Cupar-Fife
Osborne, Henry, M.A., min., Eglantine av., Belfast
Osborne, Jas., M.D., C.M., Hydropathic, Bournemouth
Osborne, John A., M.D., Milford, co. Donegal
Osborne, John S., cashier, 48 W. Princes st., Glas.
Oswald, Dav. R., M.B., C.M., Levenbank, Kinross
Oswald, Landel R., M.B., C.M., asylum, Gartnavel
Otterson, Mich., M.D., C.M., Moneymore, Belfast
Overtoun, Baron, of Overtoun, Crosslet, Dumbarton
Owen, Robt., M.A., min., Pennal, Machynlleth
Owen, Wm. G., M.B., C.M., 27 High st., Carnarvon
Owens, Sir Geo. B., M.D., 126 L. Bagget st., Dublin

Pagan, Gavin L., B.D., prob., Manse, Bothwell
Pagan, John, M.A., D.D., minister, Bothwell
Pagan, John H., B.D., prob., Manse, Bothwell
Pagan, Robert O., M.A., W.S., Cupar-Fife
Palmer, Benj. A., M.B., Crossmaglen, Armagh
Palmer, Joseph, M.D., 46 L. Bagget st., Dublin
Park, Alex. G., M.D., C.M., Folds road, Bolton
Park, And. C., M.B., C.M., 101 Gt. Western rd., Gl.
Park, Gilbert, M.D., C.M., Burnbank, Kilsyth
Park, Maitland H., M.A., editor, Allahabad, India
Park, Wm., M.B., C.M., Fourmerkland, Lockerbie
Park, Wm., M.B., C.M., Melsonby, Darlington
Parker, Jas., M.B., C.M., 5 Gt. Geo. st., Hillhead
Parker, James, M.D., 20 Albion cres., Glasgow
Parker, Jas. A., B.Sc., C.E., 9 Gt. George st., H'head
Parker, Jas. H., B.L., C.A., 89 W. Regent st., Glas.
Parker, Matt. A., B.Sc., chemist, 13 Ham'ton cres., Partick
Parker, Wm. A., M.B., C.M., 13 Hamilton crescent, Partick
Parkin, Geo., M.A., min., 8 Cyril st., Northampton
Parlane, James, M.A., minister, Burntisland
Parmer, Wm. F., M.B., C.M., 2 Linden gds., Lond.
Parry, William, M.D., Caersws, Montgomeryshire
Parry, Wm. H., M.B., C.M., Llangerniew, Abergele
Parsons, Francis H., M.D., C.M., West Worthing
Partington, Wm., M.B., C.M., Lennox ho., Tunstall
Paterson, Alex., M.A., minister, 158 Dalkeith road, Edinburgh
Paterson, Alex., M.A., minister, Westray
Paterson, Alex., M.A., j'rnalist, *Yorksh. Post*, Leeds
Paterson, Alex., M.A., min., Comely pk., Falkirk
Paterson, Alex., M.A., arch., 136 Wellington st., Glas.
Paterson, Alex. B., M.B., C.M., E. Dulwich road, London, S.E.
Paterson, Alex. C., LL.B., wri., 45 W. Geo. st., Glas.
Paterson, Alex. J. B., M.A., minister, Duns
Paterson, And. B., B.Sc., tch., Harris acad., Dundee
Paterson, Charles A., LL.B., adv., Madras
Paterson, Dav., B.D., prob., 3 Wolseley gds., Edin.
Paterson, Hamilton P., LL.B., law clerk, South manse, Paisley
Paterson, Hugh S., M.D., minister, London
Paterson, James, M.D., Rosevale, Partick
Paterson Jas., M.A., min., Belgrave ch., London
Paterson, Jas., M.A., writ., 183 W. Geo. st., Glas.
Paterson, Jas., M.A., teacher, High School, Oban
Paterson, James, LL.D., rector, New Brunswick
Paterson, Jas. C., M.A., prob., 15 Woodside qu., Glas
Paterson, Jas. C., M.A., stu., 2 Glenavon ter., Part'k
Paterson, John, minister, Rosevale, Dollar
Paterson, John, minister, Whitehill, New Deer
Paterson, John, M.A., M.B., C.M., Talgarth, Brecon
Paterson, John, M.A., stu., Cleland cott., Airdrie
Paterson, John, B.D., minister, Airdrie
Paterson, John D., M.A., assistant minister, 129 N. John street, Glasgow
Paterson, John S., B.L., writer, 113 W. Regent st., Glasgow
Paterson, Peter, B.Sc., C.E., Queensland
Paterson, Peter, M.B., C.M., Thirdpart, Yoker
Paterson, Peter, B.L., solicitor, High st., Maybole
Paterson, Robert, minister, Glassford
Paterson, Robert, M.A., minister, Savoch of Deer, Auchnagatt
Paterson, Robt, M.A., tch., Rowantree, Alexandria
Paterson, Robert M., B.D., Gugrat, India
Paterson, Robert P., J.P., of Montgomerie, Tarbolton
Paterson, Robt. T., LL.B., writer, 157 St. Vincent street, Glasgow
Paterson, Stewart, M.A., teacher, 17 College Park street, Dumbarton
Paterson, Thomas, M.A., min., Strathmiglo
Paterson, Thomas L., M.B., C.M., 12 Colebrooke street, Hillhead
Paterson, William, B.D., minister, Portobello
Paterson, Wm., writer, 129 St. Vincent st., Glas.
Paterson, Wm. A., M.B., C.M., Ailsa cottage, Irvine
Paterson, Wm. A. O., advoc., County Bldgs., Ayr
Paterson, Wm. R., M.A., litterateur, 25 University gardens, Glasgow
Paterson, Wm. S., M.B., C.M., Hayburn bank, Partick
Paton, David, D.D., min., Chalmers ch., Adelaide
Paton, Edward L., M.A., M.B., C.M., 15 Atholl street, Perth
Paton, Frank H. L., M.A., missionary, New Hebrides
Paton, Geo. G., LL.B., 1 Minard ter., Partickhill
Paton, James, minister, 2 Park quad., Glasgow
Paton, Jas., M.A., stu., Dundyvan rd., Coatbridge
Paton, Jas., M.D., C.M., 3 Ardgowan sq., Greenock
Paton, James Mure, teacher, Troon
Paton, John A. H., minister, Duddingston
Paton, Robt. A., M.B., C.M., Harpurhey, Manch'ster
Paton, Robt. H., M.A., tch., sch'house, Banchory
Paton, Robert T., M.D., 3 Cumberland st., Glas.
Paton, Thos. W., M.D., 31 Abbotsford place, Glas.
Paton, Wm. F., M.A., M.B., C.M., Seaton Delaval
Paton, Wm. M., M.A., min., 48 Rosebank tr., Gl.
Paton, Wm. R., M.B., C.M., 5 East st., Ilkeston
Patrick, And., M.A., stud., U.P. manse, Patna
Patrick, Chas. A., M.B., C.M., Marrickville, Sydney
Patrick, David, writer, Hamilton
Patrick, Dav., B.L., writ., 113 W. Regent st., Glas.
Patrick, Harry C., M.B., C.M., 143 Greenh'd tr., Gl.
Patrick, James, minister, Patna, Ayr
Patrick, John, M.A., min., 18 Regent ter., Edin.
Patrick, John, M.A., M.B., C.M., 143 Greenhead street, Glasgow.
Patrick, John A., M.A., min., Chapelfield Radcliffe

Patrick, Wm., D.D., min., 5 Park place, Dundee
Patrick, William, M.D., 143 Greenhead st., Glasgow
Patterson, Alex., M.B., C.M., 22 India st., Glasgow
Patterson, Alex., M.D., 22 India street, Glasgow
Pattie, Robt. B., B.D., clerg., 35 Scotland st., Edin.
Pattison, David B., LL.B., writer, Lomond lodge, Lenzie
Pattison, Robt., M.A., stud., 7 Ailsa dr., Langside
Pattullo, Henry A., M.B. C.M., Broughton house, Kirkcudbright
Paul, James, M.D., 3 Lonsdale vil., Barnes, Surrey
Paul, Robert J., B.D., prob., Wellington rd., Nairn
Paul, Walter, M.A., B.L., stu., 9 Burnbank ter., Glas.
Paxton, John, M.B., C.M., 1 Drummond gds., Glas.
Peacock, Alex., M.B., C.M., Gourock
Peacock, John, M.A., tch, 11 Millar st., Shawlands
Pearce, James D. M., M.A., J.P., Maidenhead
Pearcey, Alfred F. S., M.B., C.M., 39 N. Bridge street, Sunderland
Pearson, Arch., M.D., 4 Middleton ter., Glasgow
Pearson, John, M.B., C.M., 4 Middleton terrace, Ibrox, Glasgow
Peck, Jas. W., M.A., stu., Broomhill farm, Part'k
Peden, Wm. K., M.B., C.M., 55 Queen Mary av., Gl.
Peebles, Guy S., B.D., prob., Pettinain manse, Thankerton
Peirce, George, M.D., Newcastle, co. Limerick
Penman, Robt. S., M.B., C.M., 12 St. James' place, Paisley
Penney, David J., M.B., C.M., 27 Battery place, Rothesay
Penney, John W. W., M.B., C.M., Ardbeg, Rothesay
Percival, William, M.D., Stradbally, Queen's co.
Perfect, Wm. E., M.A., minister, Newark
Perry, Robert, M.D., 11 Queen's terrace, Glasgow
Peterkin, Alf., M.A., M.B., C.M., 17 Whitehall place, London
Pettigrew, John, clerk, West street, Belford
Petrie, Patton, M.A., M.B., C.M., Tay st., Perth
Phillips, Wm., M.A., tch., gra. sch., Campbeltown
Phillips, Wm. F., M.B., C.M., St. Austell, Cornwall
Philps, George M., B.D., minister, Forfar
Picken, Jas., M.B., C.M., Park gate, Rotherham
Picken, John, M.A., min., Libberton, Carnwath
Pickering, Wm. M., M.B., C.M., 7 Hillhead street, Hillhead
Pillans, John, min., 118 Camberwell grove, Lon.
Pinck, Charles H., M.B., C.M., 20 Carr road, Nelson, Burnley
Pinck, Wm., M.B., C.M., 218 Yorkshire st., Rochdale
Pinkerton, Chas., M.D., C.M., 6 Queen's road, Southport
Pinkerton, James C., solicitor, Perth
Pinkerton, John, M.D., surg. maj.-gen., Crosshill
Pinkerton, Peter, M.A., tch., 206 North st., Glas.
Pinkerton, Robt. H., M.A., tch., Univ. coll., Cardiff
Pinkerton, Robert L., M.A., M.D., C.M., Surrey dispensary, London, S.E.
Pinnock, Robt. D., M.D., C.M., Ballarat, Australia
Pirie, George, M.A., artist, 26 Elmbank cr., Glas.
Pirie, Robt. H., LL.B., writ., 26 Elmbank cr., Glas.
Pirret, Joseph B., M.A., min., Thornhill, Dumfries
Pollock, Alex., M.A., min., Falkirk
Pollock, Alex. B., M.B., C.M., 3 Belgrave ter., Glas.
Pollock, Chas. F., M.D., 1 Buckingham ter., Hillh'd
Pollock, James, minister, Dunscore
Pollock, Jas., M.A., stu., 7 Green lodge ter., Glas.
Pollock, John, M.A., tch., schoolhouse, Beauly
Pollock, John I. W., M.A., minister, Arbroath
Pollock, John, surg., Springbank, Newton-Mearns
Pollock, John, M.B., C.M., Eaglesham
Pollock, Robert, M.B., C.M., Pollokshields
Pollock, Robt., C., M.A., tch., 23 Nelson st. Green'k
Pollock, William, writer, Hamilton
Pollock, Wm., M.B., C.M., 2 Bolton rd., Eastbourne
Pollok, Jas. C., B.L., law agt., P'rtland pk., H'milton
Pollok, Jas. H., B.Sc., chem., Coll. of Sc., Dublin
Pollonais, Eugene L., M.B., C.M., Port of Spain, Trinidad
Polson, John, minister, Blackfriars, Jedburgh
Porteous, David, M.D., St. George's, Darlington
Porteous, George, M.A., tch., Logie pert, Montrose
Porteous, James, minister, Ballantrae
Porter, George, M.A., D.D., minister, Maybole
Porter, Jas., M.A., master, St. Peter's, Cambridge
Porter, John, M.B., C.M., 10 Annfield pl., Glas.
Porter, Wm. P., M.B., C.M., 36 Armadale st., Glas.
Potter, James G., minister, 15 Regent terrace, Newcastle-on-Tyne
Potts, James, M.A., tch., 350 Scotland st., Glas.
Powell, Dan. E., M.B., C.M., 54 Splott rd., Cardiff
Powrie, David J., M.A., stu., 41 Rossie st., Arbroath
Prangnell, John T., M.D., C.M., 26 Graham's road, Falkirk
Pratt, Arthur A., M.B., C.M., 296 Bath cr., Glas.
Prentice, Adam, M.A., tch., pub. sch., Prestonpans
Prentice, Alex., M.B., C.M., 66 Finnart st., Gr'nock
Prentice, Alex. R., B.L., solicitor, 18 Kilblain street, Greenock
Preston, David, M.A., stu., Hebron ter., Airdrie
Pretsell, Wm. G., M.B., C.M., Smith's pl., Edin.
Pride, David, M.D., Neilston
Pride, Wallace A., M.B., C.M., Neilston
Primrose, Edw. J., M.A., M.B., C.M., 20 Balshagray avenue, Partick
Primrose, Wm., M.B., C.M., Shildon, Darlington
Pringle, Henry T., M.D., C.M., Bridgend, Glamorg'n
Pringle, John, M.B., C.M., Holme-on-Sp'lding-Moor
Pringle, Peter D., M.A., stu., United Coll., Bradford
Prior, Sam., M.B., C.M., Cockermouth, Cumberland
Pritchard, Ernest James, M.B., C.M., Huickley, Leicester
Proctor, John R., M.A., lithographer, Campbelt'n
Prosser, Francis, M.B., C.M., Hakin, Milford Haven
Proudfoot, Geo., min., 11 Onslow dr., Dennistoun
Provand, Wm. S., M.A., minister, Primrose villa, Shawlands
Pullar, James, minister, Glenluce
Purdon, Henry S., M.D., 60 Packenham pl., Belf'st
Purdon, Wm. R., M.A., tch., 16 Floors st., Johnstone
Purves, David, M.A., min., F.C. manse, Gourock
Pyle, Wm., M.B., C.M., Portmahomack

Quaife, Wm. F., B.A., M.B., C.M., Sydney, N.S.W.

Rae, Geo. S., M.A., tch., 24 Melrose gds., Kelvinside
Rae, Matthew J., M.D., 29 Albert rd., Southport
Rae, Jas., M.A., student, Dell rd., Campbeltown
Rae, Jas., M.B., C.M., Red Post lane, Lond., E.
Rae, John B., M.B., C.M., 578 Mott av., New York
Rae, Robert N., M.A., minister, Lochmaben
Rainy, Robt., D.D., principal, 23 Douglas cr., Edin.
Ralston, Alex., teacher, Duntocher
Ralston, Gavin W., M.A., advocate, Edinburgh
Ramsay, Alexander, minister, Fenwick
Ramsay, Allan, M.B., C.M., The Haugh, Mauchline

Ramsay, Andrew M., M.D., C.M., 15 Woodside place, Glasgow
Ramsay, David, M.B., C.M., 95 Finlay drive, Dennistoun
Ramsay, Geo. G., M.A., LL.D., prof., Univ., Glas.
Ramsay, John, M., M.A., stu., 37 Fox st., Greenock
Ramsay, Robt. H., M.D., C.M., Duncan ho., Torquay
Ramsay, Thos., M.A., teacher, Oakhouse school, Axminster
Ramsay, Wm. A., LL.B., adv., 21 Stafford st., Edin.
Ramsay, Wm. L., M.A., clerk, Clyde cottage, Ayr
Ramsey, John K., M.D., Prahran, Australia
Ramsey, Robert, M.B., C.M., Prahran, Australia
Rankin, Alex., minister, Strathaven
Rankin, Alex., M.D., C.M., 38 Abbotsford pl., Gl.
Rankin, Ewen A., B.D., min., Kilmorack, Beauly
Rankin, Guthrie, M.D., 4 Chesham st., London
Rankin, Hugh M., M.A., min., Tighnabruaich
Rankin, Jas., B.Sc., univ. asst., Terrace, Bearsden
Rankin, James, D.D., minister, Muthill
Rankin John, M.B., C.M., Churchtown, Lond'nd'ry
Rankin, John, B.L., writ., 21 Sandyford pl., Glas.
Rankin, John S., M.B., C.M., 4 Apsley pl., Glas.
Rankin, Peter, M.B., C.M., 173 George st., Glas.
Rankin, Thos. T., B.Sc., teacher, Shirgarton, N. Mount Vernon
Rankin, Wm., M.D., C.M., Newtown Cunningham
Rankin, Wm. M., B.D., min., 8 Craigp'rk, Dennist'n
Rankin, Wm., M.A., min., Legerwood, Earlston
Rankine, Charles H., M.A., sub-insp. of sch., 6 Rugby terrace, Broughty Ferry
Rankine, David, late tch., 35 Mid st., Bathgate
Ransome, Miss Mildred, M.B., C.M., Marsham hall, Norwich
Ray, James, M.A., minister, Anstruther
Readman, Geo., LL.B., adv., 10 Darnaway st., Edin.
Reddie, John O., M.B., C.M., Culross
Rees, Ferdinand, M.D., C.M., Kirkton in Lindsey, Lincolnshire
Rees, Oswald, M.D., C.M., Park st., Macclesfield
Rees, Robert, M.B., C.M., High st., W. Bromwich
Rees, Wm. G. E., M.A., clerk in holy orders, Rainhill, Lancs.
Reid, Alex. F., chaplain, 17 Osborne pl., Dundee
Reid, Allan, M.A., min., Manse, Slamannan
Reid, David A., B.D., minister, Monkton
Reid, Duncan A. C., B.D., assistant minister, 5 Lauriston gardens, Edinburgh
Reid, Edw. T. S., M.A., stu., 10 Woodside ter., Glas.
Reid, Hamilton C., M.B., C.M., Dovehead cottage, Coatbridge
Reid, Harry S., M.A., curate, 5A Lauriston gardens, Edinburgh
Reid, Henry, M.A., minister, Irvine
Reid, Herbert, M.A., min., 13 St. Peter st., Dundee
Reid, Jas. A., M.A., tch., 139 Blythswood dr., Glas.
Reid, James Thallon, minister, Collace, Perth
Reid, Jas. W., M.B., C.M., 2 Greenfield st., Govan
Reid, Jas. W., M.A., tch., 104 Hill st., Glasgow
Reid, John, M.B., C.M., Clanmurray, Dromore
Reid, John, M.B., C.M., Clober crescent, Milngavie
Reid, John, M.A., min., 33 Abbotsford pl., Glasg.
Reid, John, M.A., minister, 96 Bellevue rd., Leeds
Reid, John, M.D., C.M., 12 Bridge av., London, W.
Reid, John, M.A., minister, Dundee
Reid, John, M.A., stud., Ponfeigh, Douglas
Reid, John A., M.A., adv., 11 Royal cir., Edin.
Reid, John, minister, Bridge-of-Allan
Reid, John W., M.A., tch., Royal Acad., Inverness
Reid, Matt., B.D., min., Wellpark ch., Greenock
Reid, Mungo, M.A., minister, Mearns
Reid, Peter B., M.A., min., Eday, Kirkwall
Reid, Robt., M.A., tch., 143 Firpark st., Dennist'n
Reid, Robert G., M.B., C.M., 176 Lambeth road, London, S.E.
Reid, Thomas, M.D., LL.D., 9 Elmbank st., Glas.
Reid, Thomas, M.D., C.M., Lochmaben
Reid, Thomas, M.A., tch., 3 Greenlaw ter., Paisley
Reid, Wm., minister, Hurlford, Kilmarnock
Reid, Wm., M.A., tch., Madras acad., Cupar-Fife
Reid, Wm., D.D., min., Lothian rd., Edinburgh
Reid, William, minister, Airdrie
Reid, Wm., M.A., min., Moldowney, Malahide
Reid, Wm. L., M.D., C.M., 7 Royal cres., Glasgow
Reith, Archd., M.A., tch., 37 Lynedoch st., Glas.
Renfrew, John, min., 247 E. Clyde st., Helensburgh
Renison, John, shipb'ker, 8 Bowmont tr., K'vinside
Rennie, James S., M.B., C.M., Coatbridge
Revie, Archd., M.B., C.M., Galston
Revie, Dugald, M.B., C.M., Wardha, Cent. Prov., India
Reyburn, Hugh Y., B.D., minister, Kirkintilloch
Rhodes, Hugh, M.D., C.M., 11 St. Barnabas road, Sheffield
Rhodes, Thomas W., M.D., C.M., 2 Willowbank, Northenden
Richard, David T., M.D., C.M., Risca, Monmouth
Richard, Wm. J., M.A., M.B., C.M., M'ryflatts, Gov'n
Richardson, Chas., M.A., clerg., 32 Rosslyn cr., Edin.
Richardson, Fra. B., LL.B., writ., 58 Renfield st., Glasgow
Richmond, And., M.B., C.M., 57 Love st., Paisley
Richmond, And. H., M.B., C.M., 15 Montague st., London
Richmond, Dan., M.B., C.M., Kilraughts, Ballymoney
Richmond, John M., M.A., stud., Riverbank st., Newmilns
Riddell, Brownlow, M.D., C.M., 23 Saudyford pl., Gl.
Riddell, John, B.A., min., 17 Bruce rd., P'shields
Riddell, Hugh, M.B., C.M., 5 Bellahouston tr., Ibrox
Riddell, John, M.A., prob., 9 Roslea dr., Glasgow
Riddick, Samuel M., M.A., min., Grangemouth
Risk, Robert K., M.A., journalist, Bankier ho., Bonnybridge
Ritchie, And., M.D., C.M., 16 King st., P'shaws
Ritchie, David, wine merch., 16 Jackson st., Glas.
Ritchie, David A., M.A., tch., Gram. sch., Dunoon
Ritchie, Geo. M., B.L., writ., 123 St. Vinc. st., Glas.
Ritchie, John, H.M. Customs, Gt. Grimsby
Ritchie, John, M.B., C.M., 106 N. Fred'ck st., Gl.
Ritchie, John, M.B., C.M., 12 Burnbank tr., Glas.
Ritchie, John, M.B., C.M., Castle ho., Dunoon
Ritchie, John, M.A., asst. min., 39 Rolland st., Dunfermline
Ritchie, Wm., M.D., min., Bovey Tracey, S. Devon
Ritchie, Wm., M.A., min., Carronshore, by Falkirk
Robb, George H., M.A., student, Lodge, Giffnock
Robb, Henry, B.L., writer, 53 King st., Stirling
Robb, Jas. J., M.D., C.M., Glen Ellen, Barterholm, Paisley
Robb, Rich., B.D., minister, Blairdaff, Kemnay
Robb, Thos. D., M.A., tch., 17 Argyle st., Paisley
Robb, Wm., M.B., C.M., Finedon, Wellingboro'
Robbie, Fran. H., M.A., tch., 303 Leith Walk, Leith
Robbie, James, min., 10 Buccleuch pl., Edinburgh

Roberton, David, M.A., minister, Shire Moor, Newcastle-on-Tyne
Roberton, John, ironfounder, Kirkintilloch
Roberton, John S., LL.B., writ., 12 Newton pl., Glas.
Roberton, Wm., M.D., C.M., Chapelton, W. Kilbride
Roberts, David, M.D., 223 Gt. Dover st., Lond., S.E.
Roberts, Walter, M.A., min., Circus dr., Glasgow
Robertson, Alex., licen., 63 Gt. West'n rd., Hillhead
Robertson, Alex., M.D., Town's Hospital, Glasgow
Robertson, Alex., M.B., C.M., Church pl., Gourock
Robertson, Alex., M.B., C.M., min., Nagpore, India
Robertson, Alex., M.B., C.M., 16 Newton ter., Gl.
Robertson, And., M.A., min., Park rd., Hamilton
Robertson, Alex. S., M.B., C.M., Old Fletton, Peterboro'
Robertson, And., M.B., C.M., Marionfield, Paisley
Robertson, And., M.A., tch., Harriet cot., K'marn'k
Robertson, And. S., M.A., tch., Arthur Seat, Thurso
Robertson, Arch., M.A., M.B., C.M., Lamlash, Arran
Robertson, Archibald Æ., B.D., prob., 1 East Trinity road, Edinburgh
Robertson, Chas. E., M.B., C.M., 63 Dixon av., Crosshill
Robertson, Dan. T., M.A., miss., Manchuria, China
Robertson, David D., minister, F.C., Oban
Robertson, Dav. D., LL.B., bar., Lincoln's Inn, Lon.
Robertson, David G., M.A., writ., 35 Bath st., Glas.
Robertson, Dav. S., M.A., stud., 12 Windsor cir., Gl.
Robertson, Fred. W., M.A., M.R.C.S., Dunard, D'hill
Robertson, Geo., M.D., 150 Kelburn pk. rd., Lond.
Robertson, Henry, M.A., tch., 24 Union av., Ayr
Robertson, Hector M., M.B., C.M., 9 Panmure street, Brechin
Robertson, Hugh, M.B., C.M., South st., Milnathort
Robertson, Jas., D.D., prof., University, Glasgow
Robertson, James, M.B., C.M., Doonbank, Patna
Robertson, Jas., M.B., C.M., Obbe, So. Harris
Robertson, Jas., B.L., writer, 35 St. Vinc't cr., Glas.
Robertson, James A., M.B., C.M., 2 Cathedral st., Glasgow
Robertson, James A., M.B., C.M., 192 Collins st., Melbourne
Robertson, Jas. A., M.B., C.M., 38 Carr rd., Nelson, Lancashire
Robertson, Jas. B., M.B., C.M., Clover hill, Halifax
Robertson, Jas. C., M.A., B.Sc., M.B., C.M., Pegu Cottage, Kilmarnock
Robertson, Jas. D., LL.B., writer, Endcliffe, L'gside
Robertson, Jas. R. M., M.D., C.M., Milson's point, Sydney
Robertson, James, min., 6 Salisbury rd., Edin.
Robertson, John, writer, 104 W. Regent st., Glas.
Robertson, John, M.A., M.B., C.M., Pegu Cottage, Kilmarnock
Robertson, John A., M.D., C.M., Stilton, Peterboro'
Robertson, John A., M.A., min., Tenandry, Pitl'chry
Robertson, John C., M.D., C.M., 164 Hill st., Glas.
Robertson, John G., M.A., B.Sc., stud., Endcliffe, Langside
Robertson, John K., M.D., C.M., Greenock
Robertson, John M., B.L., writer, 20 Seyton av., Langside
Robertson, John, M.D., C.M., Dumbarton
Robertson, John M., M.B., C.M., Penpont, Thornhill
Robertson, John N., M.B., C.M., Meikleriggs, Paisl'y
Robertson, John S., M.A., tch., Stockbridge sc., Ed.
Robertson, Joseph M'Gregor, M.A., M.B., C.M., 26 Buckingham terrace, Hillhead
Robertson, Peter F., M.D., Milngavie
Robertson, Robt, M.B., C.M., Gen. Hospital, Madras
Robertson, Robert, M.B., C.M., Windmillhill st., Motherwell
Robertson, Robt. C., M.A., M.B., C.M., Kilmarnock
Robertson, Robert T. C., M.B., Hamilton
Robertson, Robt. H., acct., 9 Woodlands tr., Glas.
Robertson, Saml., clerg., Victoria st., London, S.W.
Robertson, Thos., agent, 9 Westbank quad., Hillh'd
Robertson, Thos., minister, Mossbank, Lerwick
Robertson, Wm., M.D., C.M., 23 Marshall pl., Perth
Robertson, Wm., M.A., minister, Banton, Kilsyth
Robertson, Wm., B.L., writ., Rosem'nt, Part'khill
Robertson, Wm., M.D., C.M., 6 Sandyford pl., Glas.
Robertson, Wm., M.D., C.M., Johannesburg, S. Af.
Robertson, Wm. G., M.A., manuf., Warslap, Arbr'th
Robinson, Alex., B.D., prob., Clydeview, Partick
Robinson, Harry W., M.B., C.M., Clydeview, Partick
Robinson, John A.G., M.A., min., Auchnafairn, Perth
Robinson, Wm. C., M.A., min., Ballykelly, Meath
Robinson, Wm. T. G., M.D., C.M., Poole, Dorset
Robson, Charles, M.A., minister, 326 Maxwell rd., Pollokshields
Robson, Geo., M.A., D.D., min., Garry Lo., Perth
Robson, John, D.D., min., 30 Carden pl., Aberd'n
Robson, Wm., writer, 8 George st., Edinburgh
Rock, George H., B.Sc., c/o Navy Dept., Wash'ton
Rodger, Alex., M.A., tch., 49 Broomlands st., Paisl.
Rodger, Jas., M.A., tch., Broomfauld, Dumbarton
Rodger, Jas., M.A., tch., Educ. Dept., Cape Town
Rodger, Matthew, minister, St. Andrews
Rodger, Robert, M.D., C.M., Chatham hill, Manchester
Rodger, Robt. W., merchant, 116 St. Vincent st., Glasgow
Rodgers, Jas. M., M.A., minister, Londonderry
Rodgers, John W., M.A., inspector of schools, 3 Windsor avenue, Belfast
Rodgers, Maxwell, M.D., R.N , London
Rodgerson, Wm. P., B.Sc., clergyman, Lasswade
Rodgerson, Adam B., min., U.P. manse, Banff
Rome, James L., minister, Horntye road, St. Leonards-on-Sea
Ronald, James, minister, U.P. manse, Annan
Ronald, John, B.D., minister, Stewarton
Ronald, John G., M.B., C.M., Greenlea, Larbert
Rorison, William P., minister, Dalserf, Carluke
Rose, James Landell, minister, Markinch
Rose, William D., M.B., C.M., Park rd., Hamilton
Ross, Andrew, minister, Knockraisie, Stranraer
Ross, Chas. D. M., M.A., law cl., Abercairny, Crieff
Ross, Donald, M.B., C.M., 240 Eglinton st., Glasg.
Ross, Duncan, M.A., student, 3 Gallowflat place, Rutherglen
Ross, Edward, M.A., minister, Salem, Jamaica
Ross, Geo. W. H., lt.-col., Cromarty ho., Cromarty
Ross, Jas., M.A., teacher, 113 Greenhead st., Glas.
Ross, John M. E., M.A., stu., 42 Windsor ter., Glas.
Ross, William, chaplain, Univ. club, Edinburgh
Ross, William, minister, Embleton, Chathill
Ross, Zachary M. H., M.A., teacher, 1 Holyrood crescent, Glasgow
Rosser, John S., M.B., C.M., Morriston, Glamorgan
Rothery, Ralph H., M.B., C.M., 2 Ashton place, Hillhead
Routledge, Joseph, M.A., teacher, 42 Rosebank terrace, Glasgow

Routledge, Robert, M.B., C.M., Rowrah, Arlecdon
Rowan, John, M.B., C.M., 50 Eldon st., Green'k
Rowat, John, M.D., C.M., Camden, Troon
Rowden, Leonard A., M.B., C.M., Queen street, Morley, Leeds
Rowe, Wm., min., Nithsdale road, Pollokshields
Roxburgh, Alex., M.B., C.M., 213 Nithsdale road, Pollokshields
Roxburgh, David, M.B., C.M., Sick Child. Hosp., Glasgow
Roxburgh, Ed., B.D., prob., 15 Lynedoch cr.,Glas.
Roxburgh, Henry A., LL.B., writer, 10 Crown gardens, Glasgow
Roxburgh, James F., M.A., W.S., 13 Frederick street, Edinburgh
Roxburgh, Wm., M.B., C.M., 2 Portl'd ter., Troon
Roy, John, M.A., minister, Drymen
Roy, Pramath N., M.B., C.M., 2 Gt. Kelvin terr., Glasgow
Ruggan, John, M.A., stu., 208 Main st., Ru'glen
Ruhm, Thos. F., B.Sc., c/o Navy Dept., Wash'ton
Rule, Robt., M.A., manuf., 7 Montgomerie cr., Gl.
Runciman, David W., M.A., minister, Ponsonby, Auckland
Russell, Alex., M.A., lect., Beechcroft, Kingston-on-Thames
Russell, Andrew, M.A., minister, Leslie, Fife
Russell, Archibald, M.A., minister, 59 Nithsdale drive, Pollokshields
Russell, Douglas W., M.B., C.M., 3 Stevenson drive, Langside
Russell, Frank, M.B., C.M., 2 Heaton road, Newcastle-on-Tyne
Russell, Geddes G., M.B., C.,M., 1 Whitehill ter., Glasgow
Russell, Geo., M.B., C.M., Oudtshoorn, C. Colony
Russell, Hugh, M.D., C.M., Trimdon Grange, Durham
Russell, Hugh S., M.B., C.M., Auchterh'll, Newm'ns
Russell, Jas., M.A., tch., Prospect av., Camb'lang
Russell, James B., M.D., C.M., LL.D., Partick
Russell, James C., D.D., min., Dunfillan, Dunoon
Russell, John, M.A., minister, Lochwinnoch
Russell, John, M.B., C.M., 7 Market place, Brigg, Lincolnshire
Russell, Robt., M.A., minister, Kilbarchan
Russell, Thos., M.B., C.M., 27A Westmuir, Parkhead
Russell, Thomas, min., 22 Barthon street, London
Russell, Wm., M.B., C.M., Auchterhall, Newmains
Russell, Wm., M.B., C.M., 52 High st., Paisley
Russell, Wm. W., M.A., tch., 129 Renfrew st., Gl.
Russell, Wm. Y., M.A., teacher, Valparaiso
Rutherford, Robt. W., B.D., prob., 13 Randolph terrace, Mount Florida
Rutherford, Thomas, B.A., M.B., C.M., Shiskine, Arran
Rutherfurd, And., B.D., min., 1 Albany pl., Glas.
Rutherfurd, Henry, M.A., M.B., C.M., 6 Albany place, Glasgow
Rutherfurd, John, B.D., minister, Lewes, Sussex
Ruthven, John, M.A., minister, Kinross
Ryan, John, M.D., Clonakillin, Ballinacally

Sadler, Herb. C., B.Sc., nav. ar., 2 Minard tr., P'ck
Salmond, Wm. M.B., C.M., 476 New City rd., Glas.
Samuel, George, M.A., min., Tow Law, Durham
Samuel, Wm., M.A., stu., 74 Cromwell st., Glasgow
Sandeman, Walter, M.B., C.M., Bridge of Weir
Sanders, Arch. G., M.B., C.M., Borel'nd, Lockerbie
Sandilands, James, M.B., C.M., Duntocher house, Duntocher
Sandilands, John, M.A., M.D., C.M., Nagpore
Sandilands, Wm. P., M.B., C.M., 1 Barns terrace, Maybole
Saunders, John M., M.A., min., Penarth, Cardiff
Saunders, Jas. C., M.A., tch., sch'lhouse, Ban'kburn
Saunders, Thos., M.A., tch., 3 Westbank pl., Hillh'd
Scanlan, Chas. E., M.B., C.M., 36 St. Charles square, London, W.
Scanlan, Henry, M.B., C.M., R.N. Hosp., Haslar, Gosport
Scanlan, Joseph, M.B., C.M., 501 Gallowg'te, Glas.
Scobie, Alfred, LL.B., writer, 58 West Regent st., Glasgow
Scobie, And., B.D., min., 180 Derby ter., Rochdale
Scobie, John, M.B., C.M., Hurlford, Ayr
Scobie, Wm., B.D., M.B., C.M., Culdees, Part'khill
Scotland, Robt. M., M.A., tch., Gowancroft, Kirkintilloch
Scotland, Thomas, M.B., C.M., 4 Regent terrace, Newcastle-on-Tyne
Scott, Alexander, M.D., C.M., Tollcross, Glasgow
Scott, Alex., M.B., C.M., Victoria sch'house, A'drie
Scott, Archibald, D.D., minister, Edinburgh
Scott, Arch. B., B.D., minister, Helmsdale
Scott, Arthur T., M.A., M.B., C.M., 16 Lansdowne crescent, Glasgow
Scott, Chas. F., M.B., C.M., Borgie, Cambuslang
Scott, Ebenezer, B.D., prob., 14 Lawrence pl., Par'k
Scott, Ernest F., M.A., minister, Prestwick
Scott, Fred. B., M.D., C.M., brigade-surg., Jr. U. Serv. Cl., London
Scott, Gavin S., M.B., C.M., East Kilbride
Scott, Geo., M.B., C.M., 86 George st., Stranraer
Scott, Geo. A. D., B.L., writer, 8 Roslea dr., Glas.
Scott, George J. C., minister, Wallacetown, Ayr
Scott, James, M.A., student, 266 Argyle st., Glas.
Scott, James, M.A., stud., 2 India st., Glasgow
Scott, James A. N., M.D., C.M., Warrnambool, Australia
Scott, James H., minister, Bonkle
Scott, Jas. K., B.D., min., U.P. manse, Fraserb'gh
Scott, John, M.D., New street, Sandwich
Scott, John C., M.A., tch., 9 N. Claremont st., Glas.
Scott, Joseph, M.B., C.M., 2 Old Quay head Campbeltown
Scott, Peter, M.D., C.M., Carnoustie
Scott, Robt., min., Bankh'l ch., Berw'k-on-Tweed
Scott, Robert, M.A., minister, W. Melbourne
Scott, Robert, M.B., C.M., Melbourne
Scott, Robt. D., min., 14 North rd., Surbiton, Lond.
Scott, Samuel, M.A., min., 12 Upton rd., Birkenhead
Scott, Thos., M.A., prob., Halbeath, Fife
Scott, Thos., M.A., tch., Braes, Portree
Scott, William, landowner, Alberta, Canada
Scott, Wm., M.A.. Newton Cunningham, 'Derry
Scott, Wm. D., B.D., min., 38 Fonthill rd., Aberdeen
Scott, William J., M.B., C.M., Pietermaritzburg
Scoular, John R., minister, Cupar-Fife
Scrimgeour, Charles M., M.A., tch., 70 Cambridge drive, Glasgow
Scrymgeour, Rob., M.A., min., Monikie, Carnoustie
Selfe, Henry S., magistrate, 15 St. George's sq., London, S.W.
Selkirk, John, M.A., M.B., C.M., Meadowbank, Irvine

Sellar, Chas., B.L., law clk., Meikleriggs, Paisley
Sellar, Lennox M., M.A., l.-cl., Gowanlea, Langside
Sellars, Robert, minister, Greenock
Semple, Adam, D.D., minister, Huntly
Semple, And., M.D., dep. surgeon-gen., U. Serv. Club, Edinburgh
Semple, Miller, M.B., C.M., 116 Taylor st., Glasgow
Semple, Wm. M., M.B., C.M., Hendford pk., Yeovil
Seright, Wm., M.B., C.M., 13 Brisbane st., Gr'nock
Service, Adam H., tch., 423 St. Vincent st., Glas.
Service, John, M.D., C.M., Mossend
Service, John, B.L., writer, 25 Kelvinside tr., Glas.
Service, John B., B.D., min., Bolton, Haddington
Service, Robert M., M.B., C.M., 5 Annfield pl., Dennistoun
Service, Wm., M.A., B.Sc., tch., Northfield, Coatb'ge
Service, Wm. J. N., B.D., prob., 25 K'side ter., Gl.
Settle, Robert, M.D., Bolton, Lancs.
Sewell, Wm. R., M.D., C.M., Oxford bank, Helensb'h
Shand, Baron, of Woodhouse, LL.D., 32 Bryanston sq., London, S.W.
Shand, John C., M.B., C.M., Penrith, N.S.W.
Shand, Wm., M.B., C.M., 16 Fountain st., Guisboro'.
Shanks, Alex., M.D., C.M., Longsight, Manchester
Shanks, Thomas, B.D., min., Portland, Victoria
Shannon, James, M.A., min., The Limes, Hawick
Shannon, John A., M.A., minister, Markinch
Sharman, Mark, M.B., C.M., Rickmansworth
Sharp, Robt., M.B., C.M., 13 Caddlehill, Greenock
Sharpe, James, M.D., 132 So. Circular rd., Dublin
Sharpe, John, M.A., tch., 303 Cleveland st., Sydney
Sharpe, Wm., B.Sc., marine engineer, 21 Herriet street, Pollokshields
Shaw, Adam, M.A., min., 2 Whitehill gds., Glas.
Shaw, Archd., M.B., C.M., Jura
Shaw, Charles G., writer, County Buildings, Ayr
Shaw, James, surgeon, Bankstown, Sheerness
Shaw, James, M.D., C.M., Waddesdon, Aylesbury
Shaw, John, M.A., student, Quarter, Hamilton
Shaw, Wm., 5 Craigmore road, Rothesay
Shearar, Frank, M.B., C.M., 7 St. James' pl., Paisley
Shearer, Alex., M.B., C.M., Armadale, Bathgate
Shearer, David, M.A., minister, Shapinsay
Shearer, Geo. W., B.Sc., engr., 1 Landore tr., L'side
Shearer, Jas., M.A., tch., 116 W. Princes st., Glas.
Shearer, Robt. B., LL.B., writer, 1 Bank st. Greenock
Shearer, Robert P., M.B., C.M., W. Sleekburn, Bedlington
Shedden, Robert, land surveyor, Gateside, Beith
Shedden, Thos., 47 W. Cromwell rd., Lond., S.W.
Shepherd, Wm., M.A., min., Woodside, Aberdeen
Shields, Thos., M.A., lecturer, Eng. Coll., Staines
Shields, Thos. L., M.B., C.M., 164 Renfrew st., Gl.
Shields, Wm. H., B.Sc., C.E., Perth, W. Australia
Shiels, Alex., B.Sc., M.B., C.M., 190 Bath st., Glas.
Shillinglaw, Joseph, M.A., stu., 15 Clifford st., Glas.
Short, James, M.A., tch., 40 Blantyre st., Glasgow
Sim, Jas. B., M.D., C.M., 175 Alfred st., Nottingham
Sime, David, M.D., C.M., 30 Burgoyne rd., Harringay, London, N.
Sime, Wm. N., M.B., C.M., manse, Dundonald
Simmons, Arthur, M.A., min., Kettle, Ladybank
Simpson, David M., M.A., tch., Chapelside place, Airdrie
Simpson, George, M.A., tch., 3 Roxburgh ter., Dundee
Simpson, Jas., LL.B., solic., 116 George st., Edin.
Simpson, Jas., LL.D., min., 2 Moredun cr., Edin.
Simpson, Jas., M.A., tch., 3 Campbell st., Maryhill
Simpson, Jas. C., M.D., C.M., Jamaica st., Glasgow
Simpson, John, M.A., stud., 17 Arthur st., Glas.
Simpson, John P., M.D., C.M., 93 Shepherdess Wk., London, N.
Simpson, Pierce A., M.A., M.D., prof., Glasgow
Simpson, Robert, M.A., tch., Academy, Airdrie
Simpson, Richard, B.D., minister, Dunscore
Simpson, Robert, B.Sc., stu., Hollow, P'shields.
Simpson, Robt. A., M.B., C.M., Germanton, N.S.W.
Simpson, Thos., M.A., sub-insp. sch., 3 Roxburgh terrace, Dundee
Simpson, Wm., M.A., min., Scarbridge, Penpont
Sinclair, Arch. N., M.B., C.M., Yaxley, near Peterboro'.
Sinclair, David, M.B., C.M., Great Horton, Bradford
Sinclair, Dugald, M.B., C.M., 6 E. Park ter., Maryhill
Sinclair, Ed. P., M.B., C.M., N'wton, Sydney, N.S.W.
Sinclair, Eric, M.D., C.M., Gladesville, N.S.W.
Sinclair, Henry W., M.B., C.M., Carnwath
St. Clair, James A., M.B., C.M., 69 Ainsworth st., Blackburn
Sinclair, John, M.B., C.M., Withnell, Chorley
Sinclair, John, B.D., min., 8 Prospect pl., Dundee
Sinclair, John, M.A., tch., Beaconsfield, Uddingston
Sinclair, John, M.D., 115 Mt. Pleasant, Liverpool
Sinclair, John, minister, Eigg, by Oban
Sinclair, John, M.B., Bo'ness
Sinclair, John, M.B., C.M., 2 Golfhill ter., Glasgow
Sinclair, John D., B.D., min., Midmar, Aberdeen
Sinclair, Malcolm A. M., M.B., C.M., Fort house, Ayr
Sinclair, Rob., M.D., C.M., Roseangle h'se, Dundee
Sinclair, Robt. A., M.A., min., Mary Esther, Florida
Sinclair, Wm., minister, Kinnaird
Sinclair, Wm. S., M.B., C.M., Lorne ho., Helensb'h
Skene, Wm., M.D., Buckley, Flintshire
Skeoch, Wm. R., M.A., tch., Crummock cott., Beith
Skilling, James L., M.A., teacher, 118 Raeberry street, Glasgow
Skinner, Wm. G., LL.B., stu., 24 Woodside pl., Glas.
Skottowe, Alex. J. F., M.D., C.M., Hamilton
Slimon, Geo. C., M.D., C.M., 277 Mare st., London, E.
Slimon, Wm., M.D., C.M., 4 York pl., London, E.
Sloan, Arch., M.B., C.M., 21 Elmbank st., Glasgow
Sloan, David, M.D., C.M., Catrine, Mauchline
Sloan, David N., B.L., acct., 2 Crown cir., Glasgow
Sloan, Hugh R., M.D., C.M., Market sq., Galashiels
Sloan, John, M.B., C.M., Bramley, Leeds
Sloan, John, M.A., min., 5 Woodland ter., Langside
Sloan, John, B.D., prob., 7 Palmerston rd., Edin.
Sloan, John A., B.Sc., mech. eng., 11 Rose st., Gl.
Sloan, Samuel, M.D., C.M., 5 Somerset pl., Glas.
Sloan, William, M.D., Dalry, Ayrshire
Sloggett, Henry C., M.D., C.M., Church st., Edmonton, London
Slorach, Robt. G., B.L., sheriff cl'k. dep., Hamilton
Slowan, Wm. J. M., M.B., C.M., 20 Wilton gds., Glas.
Small, Francis W., B.D., curate, St. Peter's, London
Small, Robert, minister, Caddonfoot, Galashiels
Smart, Wm., M.A., LL.D., D.Phil., prof., Dowanhill
Smith, Alg. W , M.D., 11 Woodside ter., Glasgow
Smith, Alex., M.A., stu., 2 Woodlands, Langside
Smith, Alex., M.A., writer, 45 Millbrae rd., Langside
Smith, Alex. Muir, M.D., C.M., 13 Montgomerie street, Kelvinside
Smith, Alex. R., M.B., C.M., Parkgate, Paisley
Smith, Allan M., LL.B., writer, 60 St. Vincent crescent, Glasgow

Smith, And. F., LL.B., writer, Whithorn
Smith, Andrew M., M.A., minister, 7 Kensington terrace, Sunderland
Smith, David, M.B., C.M., Greenbank, Cumnock
Smith, David, M.A., minister, Albury, N.S.W.
Smith, David, M.A., minister, Clifford rd., Stirling
Smith, David, M.A., minister, Tulliallan
Smith, David M., M.B., C.M., 216 Crown st., Glas.
Smith, David T., M.B., 2 Fishergate hill, Preston
Smith, David T., M.A., B.Sc., tch., schoolho., Appin
Smith, David W., M.A., B.L., writer, 1 Westbourne terrace, Glasgow
Smith, Ed., M.B., C.M., 62 St. George's rd., Bolton
Smith, Fergus, M.A., teacher, 385 Great Western road, Glasgow
Smith, Frank B., B.Sc., min. eng., Union, Vancouver
Smith, Gabriel, minister, Anstruther
Smith, George, M.A., M.B., C.M., Croftbank, Uddingston
Smith, Geo. M., M.A., clerk, 104 W. George st., Gl.
Smith, George M., min., 6 Clarendon pl., Stirling
Smith, Henry B., M.B., C.M., Deepdraught, Irvine
Smith, James, writer, 21 Bath street, Glasgow
Smith, James, M.A., stud., 91 W. Regent st., Glasgow
Smith, James F., M.A., M.B., C.M., Whithorn
Smith, Jas. S., M.A., min., Ivy pl. ch., Stranraer
Smith, James, M.A., LL.D., ins. of sch., Uddingston
Smith, James, M.A., min., 1 Park ter., Beverley
Smith, James, M.D., C.M., Mauchline
Smith, James, M.B., C.M., Bogside Farm, Airdrie
Smith, James A., M.A., stu., Noblehill, Dumfries
Smith, James P., M.B., C.M., Dingwall
Smith, James W., M.A., teacher, Waterside, Dunaskin, Ayr
Smith, John, M.A., min., F.C., Denholm, Hawick
Smith, John, minister, 10 Newton st., Glasgow
Smith, John, M.A., teacher, 13 Wendover cres., Mount Florida
Smith, John M., M.D., C.M., View bank, West Calder
Smith, John, B.D., minister, manse, Partick
Smith, John B., writer, West George st., Glasgow
Smith, Jas. C. A., M.B., C.M., 204 Paisley rd., Glas.
Smith, John C., M.A., B.L., writer, Melfort, Milliken Park
Smith, John D., M.B., C.M., 14 Lorne ter., Maryhill
Smith, John T., M.A., tch., 149 Onslow dr., Glas.
Smith, John T., M.B., C.M., 56 Whitevale street, Dennistoun
Smith, John S. W., B.L., writer, 21 Westbank terrace, Glasgow
Smith, Johnson M., M.B., C.M., Inglewood, Victoria, Australia
Smith, Patrick, LL.B., advo., 11 Manor pl., Edin.
Smith, Patrick A., M.D., C.M., 24 Carlton pl., Glas.
Smith, Peter C., M.A., M.D., C.M., 3 Church row, London, S.W.
Smith, Robt. A., M.D., 373 Norwood rd., Lond., S.E.
Smith, Robert H., sheriff-clerk, Whithorn
Smith, Robt. W., B.Sc., Chemical works, Bathgate
Smith, Stevenson, minister, Sanquhar
Smith, Thornton G., B.L., solic., 23 Moss st., Paisley
Smith, Thos. D., M.B., C.M., 3 Burnbank ter., Glas.
Smith, William, minister, Douglas, Lanarkshire
Smith, William, B.L., writer, 188 Pollokshaws road, Glasgow
Smith, Wm., M.A., tch., 26 Glasgow rd. Rutherglen
Smith, William C., B.D., probationer, 44 Princes square, Strathbungo
Smith, William C., M.A., stud., 4 Cameron street Motherwell
Smith, William G. C., M.B., C.M., Ryde, N.S.Wale
Smith, William K., B.L., law-agent, 11 West Regen street, Glasgow
Smith, William M., M.B., C.M., Moreton-on-Marsh Gloucester
Smith, William M., M.B., C.M., Raemoir, Ayr
Smith, William S., M.A., stu., 110 North Frederick street, Glasgow
Smyth, Alex., M.B., C.M., 239 Buchanan st., Glas
Smyth, Andrew, M.D., C.M., Ballymena
Smyth, James, M.B., C.M., 29 Patrick st., Limerick
Smyth, John, M.A., minister, Teskanore
Smyth, Lewis, M.D., Lewes
Smyth, Peter M., M.B., C.M., 239 Buchanan st. Glasgow
Smyth, Samuel, M.D., Mount Charles, Donegal
Sneddon, William, M.D., Beith
Snodgrass, Neil S., M.A., teacher, 5 Darnley terrace, Shawlands
Snodgrass, William, M.A., M.B., C.M., 11 Victori crescent, Dowanhill
Soden, Edward, M.D., C.M., Mohill, Leitrim
Soga, William A., M.D., C.M., Kaffraria
Somerville, Alex., B.Sc., 4 Bute mansions, Hillhea
Somerville, Graham L., B.L., writer, 58 Wes Regent street, Glasgow
Somerville, James E., B.D., minister, 11 Sout park terrace, Hillhead
Somerville, Jas. E., M.D., Leap, county Cork
Somerville, John, M.D., C.M., 29 Burgoyne road Sheffield
Somerville, Munro, M.A., stud., 11 Westercraigs Glasgow
Somerville, Thomas, M.A., minister, Blackfriars house, Glasgow
Somerville, William F., M.A., B.Sc., M.D., C.M., Hillhead
Sommerville, John R., M.D., Ayr
Sorlie, James, M.A., tch., Plockton, Strome Ferry
Souden, Jas., M.A., tch., 31 Ferry rd., Renfrew
Soutar, George S., M.A., min., Sandwick, Orkney
Spark, John, M.A., minister, Clyne, Sutherland
Spark, Robert R., M.A., minister, Durris
Spear, Lawrence, B.Sc., U.S. nav. offi., Washington
Spearing, Andrew, M.D., Riverside, Antrim
Speir, William R., M.B., C.M., Haltwhistle
Speirs, Douglas, M.D., 143 W. Regent st., Glasgow
Speirs, Eben. B., D.D., min., Morningside, Edin.
Speirs, John L., M.B., C.M., 8 Millicent terrace, Gateshead-on-Tyne
Speirs, Thos. O., M.B., C.M., 21 Roslea dr., Glas.
Spence, William, ironmonger, 4 Clutha st., Glas.
Spencer, William C., M.B., C.M., 26 Portland crescent, Chorlton-on-Medlock
Spens, John G., LL.B., writer, 12 Bowmont gardens, Glasgow
Spens, Walter C., LL.D., sheriff-substitute, Glas.
Sprott, Andrew, M.B., C.M., Glenridding, Penrith
Sprott, Geo. W., D.D., minister, North Berwick
Sprott, Gregory, M.D., C.M., 26 Bury New road, Manchester
Sprott, Harold G. H., M.A., law clerk, Manse, North Berwick
Sproull, James, M.B., C.M., 6 Canal st., Johnstone
Stack, Maurice T., M.B., C.M., Christchurch, N.Z.
Stafford, John O., M.A., prob., Mouswald, Dumfries

Stafford, William, M.B., C.M., 36 Mansfield road, Nottingham
Stainthorpe, William W., M.D., C.M., Saltburn-by-Sea, Yorkshire
Staiker, Geo. A., B.D., prob., Inverchaolain, Toward
Stallybrass, Thos. C., minister, Westham, Essex
Stanford, Charles E.C., B.Sc., student, Glenwood, Dalmuir
Stanley, Henry, M.D., Armagh ter., Portadown
Stanton, Thos. J., M.A., tch., 69 Bain St., Glas.
Stanyon, John S., M.A., student, 14 High Cross street, Leicester
Stark, James, minister, Barnwood, Gourock
Stead, Frank H., M.A., minister, 82 Camberwell road, London, S.E.
Steel, Edward H., M.A., minister, Willington quay, Newcastle-on-Tyne
Steel, James, M.A., minister, Bonnybridge
Steel, James, M.A., eng., 239 St. Vincent st., Glas.
Steel, Robt., M.A., M.B., C.M., 7 Sandyford pl., Glas.
Steel, Thomas, dyer, 37 Kerr st., Calton, Glasgow
Steel, William, M.B., C.M., 6 Acklam terrace, Middlesborough
Steele, Charles, M.A., minister, Cambusnethan
Steele, Ross S., M.B., C.M., Brook ho., Gnosall
Steele, Thos., M.A., stud., 122 Plantation st., Glas.
Steele, William C., LL.B., advocate, 69 Great King street, Edinburgh
Steele, Wm. C., M.B., C.M., The Parks, Londonderry
Steen, George, M.A., min., Keady, co. Armagh
Steil, James W. H., M.B., C.M., Colsterworth, Grantham
Stenhouse, John, assayer, Royal mint, London
Stenhouse, William M., M.D., C.M., New Zealand
Stephen, Fred. J., M.A., stu., Linthouse, Govan
Stephens, James, M.A., minister, Berwick
Stephenson, Francis L., M.B., C.M., Hill house, Woolwich
Steven, John L., M.D., C.M., 34 Berkeley ter., Glas.
Steven, Robert, surgeon, Tollcross
Steven, Samuel, LL.B., writer, 6 Albion crescent, Dowanhill
Steven, Wm. M., B.D., prob., 2 Oswald pl., Whiteinch
Stevens, John B., M.B., C.M., Paisley rd., Renfrew
Stevens, Robert, M.A., minister, Malvern Link
Stevenson, Alex., 93 S. Portland st., Glasgow
Stevenson, Alex., M.B., C.M., Dalreoch, Dumbarton
Stevenson, David L., M.A., M.B., C.M., 1 Morris place, Glasgow
Stevenson, Hugh, M.A., minister, Dunblane
Stevenson, Hugh, minister, Melrose
Stevenson, Hugh, M.A., law clk., 137 St. Vinc't st., Gl
Stevenson, Hugh, M.B., C.M., Rothwell, Leeds
Stevenson, James, merchant, Halhe, Largs
Stevenson, James, M.D., C.M., Kilmalcolm
Stevenson, Jas. C., manuf., 33 Devonshire place, London, W.
Stevenson, James, min., Trinity road, Edinburgh
Stevenson, Jas., M.B., C.M., Cora Linn, Clydebank
Stevenson, John, M.B., 17 Whitehall pl., London
Stevenson, John, B.D., minister, Kilcreggan
Stevenson, John J., M.A., arch., 4 Porchester gns., London, W.
Stevenson, John, M.A., chem., Smithston, Kilwin'g
Stevenson, John, M.D., C.M., Stow cottage, Paisley
Stevenson, Nath., M.A., M.B., C.M., Galashiels
Stevenson, Robert, M.A., minister, Dunfermline
Stevenson, Robert, M.D., C.M., Innellan
Stevenson, Robt., M.B., C.M., Changue, Old Cumn'k
Stevenson, Robert H., M.A., chaplain, Madras
Stevenson, Thos., min., 42 Craiglea dr., Edinb'gh
Stevenson, Wm., M.A., min., Auchtertool, K'kcaldy
Stevenson, Wm., M.A., teacher, 29 Scotia st., Glas.
Stevenson, Wm. F., M.A., minister, Rutherglen
Stevenson, Wm. F., M.A., min., Rathgar, Dublin
Steuart, John W., B.L., writ., No. Cliff, Wemyss bay
Stewart, Adam B., M.A., stud., 22 Carnarvon street, Glasgow
Stewart, Alex., B.D., min., E.U. Church, Ayr
Stewart, Alex., M.D., C.M., 27 Eccles Old road, Manchester
Stewart, Alex., M.B., C.M., Uphall, Linlithg'wshire
Stewart, Alex., M.B., C.M., 25 Church st., Larkhall
Stewart, Alex., M.A., tch., Tarbert, Lochfyne
Stewart, Alex. H., M.B., C.M., 22 Carnarvon st., Gl
Stewart, Alex. M., M.A., min., Free High Manse, Arbroath
Stewart, And., M.B., C.M., 23 Ronald st., Glasgow
Stewart, Angus, min., Kilmartin, Lochgilphead
Stewart, Arch. D., M.B., 2 Walworth ter., Glasgow
Stewart, Chas., M.B., C.M., 19 Windsor ter., Glas
Stewart, Charles W., M.A., M.D., C.M., 11 Govan road, Glasgow
Stewart, Chas. W., M.A., stu., 18 Annfield tr., P'ck
Stewart, Donald, M.D., 18 Park row, Nottingham
Stewart, Fred. R., M.A., stu., 18 Annfield ter., P'ck
Stewart, Geo. C., M.B., C.M., Kelvindale, M'ryhill
Stewart, George S., M.A., minister, Inverness
Stewart, Hugh G., M.B., C.M., Normanton, Yorks
Stewart, Jas., B.L., ass. clk., 129 Bath st., Glasgow
Stewart, Jas., M.B., C.M., Parklea, Hamilton
Stewart, Jas. A., M.B., C.M., Normanton, Yorks
Stewart, Jas. E. F., M.B., C.M., Guildford, W. Aust
Stewart, John B., M.A., M.B., C.M., 5 Whitevale st., Glasgow
Stewart, John, M.B., C.M., Grove house, Batley
Stewart, John, M.B., C.M., 19 Eglinton st., Beith
Stewart, John, M.A., assistant minister, Stirling
Stewart, John, M.A., merchant, Rothesay
Stewart, John, M.A., stud., M'Lelland dr., Kil'nock
Stewart, John, M.A., stu., Gartsherrie, Coatbridge
Stewart, John, M.D., C.M., 16 B'moral cres., Cr'shill
Stewart, John D., minister, Crossmichael
Stewart, John G., B.Sc., C.E., 41 Oswald st., Glas
Stewart, John M. Y., M.B., C.M., 271 Sauchiehall st., Glasgow
Stewart, John, D.D., min., Camden ho., Dennist'n
Stewart, John R. W., M.A., tch., 168 Oxford st., Gl
Stewart, John W., B.D., minister, Cleator Moor
Stewart, Paul, M.B., C.M., 16 Athole gns., K'vinside
Stewart, Peter, M.B., C.M., Langley Moor
Stewart, Rich. M., min., 7 Hope st., St. Andrews
Stewart, Robert, D.D., min., 18 Royal ter., Edin
Stewart, Robert, minister, 14 Fitzroy pl., Glasgow
Stewart, Robert, M.D., Carluke
Stewart, Robert, minister, Presb. Church, Lisbon
Stewart, Robt. M., M.A., min., Erskine, Bishopton
Stewart, Robt. S., M.D., C.M., Asylum, Bridgend, Glamorgan
Stewart, Miss Roberta H. M., M.B., C.M., Baledmund, Pitlochry
Stewart, Thos., M.B., C.M., 405 Gallowgate, Glas
Stewart, Thos. M., LL.B., writ., 7 Albion cr., Gl.
Stewart, Walter, M.A., B.Sc., stu., Gartsherrie
Stewart, Wm., M.B., C.M., Hillocks, Rutherglen
Stewart, William, M.D., Rothesay

Stewart, Wm., M.A., D.D., prof., 18 Annfield ter., W., Glasgow
Stewart, Wm., M.A., bar., 3 Hare ct., Temple, Lond.
Stewart, Wm., M.A., law app., Mainshill, Beith
Stewart, William, M.D., 19 Hill street, Portadown
Stewart, Wm. A., M.A., min., Brantford, Ontario
Stiell, David, M.D., C.M., Yeaths, Lanark
Stirling, Alex., min., Stepney Presb. Chu., London
Stirling, Charles, M.B., C.M., 159 Grange road, London, S.E.
Stirling, Jas., M.A., M.B., C.M., 34 W.E. Pk. st., Gl.
Stirling, Jas., M.B., C.M., 5 Morris pl., Glasgow
Stirling, James H., LL.D., F.R.C.S.E., Edinburgh
Stirling, Robert, M.B., C.M., Afton villa, New Cumnock
Stirling, Wm., M.A., U.P. minister, Inveraray
Stirton, John, M.A., stud., 9 High st., Perth
Stobbs, Simon S., min., 18 Hart st., Edinburgh
Stobo, George, M.D., Paisley rd., Renfrew
Stobo, Robert, M.B., C.M., Castle Lodge, Ud'gston
Stone, David, M.B., C.M., 19 Horsemarket, Northampton
Stonebridge, Wm. H., M.A., minister, Cullen
Stormont, David D., M.A., miss., Lovedale, S. Africa
Story, R. Herbert, D.D., prof., University, Glas.
Stout, Thomas, M.A., B.L., writer, 178 St. Vincent street, Glasgow
Stowell, Herbert, M.A., min., Olton, Birmingham
Stowell, John H., M.A., min., Lightcliffe, Halifax
Strachan, Ben., M.B., C.M., 12 Dundas st., S'nderl'd
Strachan, Jas., M.A., tch., Higher grade sch., S'lford
Strachan, Peter D., M.A., stu., Bayhead, Sto'way
Strachan, Rod. R., M.A., sub-insp. of schools, 1 Gladstone ter., Inverness
Strain, Wm. L., M.B., C.M., Market pl., Selkirk
Strang, George W., M.A., minister, Campbeltown
Strang, James, M.B., C.M., Thornliebank
Strang, Walter, M.A., min., Dunaskin, by Ayr
Strang-Watkins, Geo. Y., writer, 186 W. Geo. st., Glasgow
Strathern, Robt., W.S., 12 S. Charlotte st., Edin.
Strong, David, D.D., min., 15 Victoria cres., Glas.
Strong, David R.T., M.B., C.M., 15 Victoria cr., Gl.
Struthers, And., M.A., tch., Glebedykes, Galston
Struthers, John, tutor, Overfield, Strathaven
Struthers, John., H.M.I.S., Manor villa, Corstorphine
Struthers, John, M.A., tch., 213 Buchanan street, Glasgow
Struthers, William, M.A., ass. min., Cape Town
Stuart, Alex., LL.B., littérateur, Stanley villa, Langside
Stuart, Alex. M., LL.D., prof., University, Glas.
Stuart, Miss Emmeline M., M.B., C.M., 23 Belgrave crescent, Edinburgh
Stuart, Hamish H., LL.B., adv., 65 No. Castle st., Edinburgh
Stuart, James, B.Sc., C.E., Stanley villa, Langside
Stuart, John, M.A., tutor, Univ. Coll., Jamaica
Stuart, Wm., B.D., minister, Wallsend-on-Tyne
Stuart, William L., M.D., St. Ronan's, Forres
Styles, Oliver, B.Sc., eng., Santiago, Chili
Suddard, Francis E., M.A., tch., 19 Tavistock pl., London
Sugden, Eben., M.B., C.M., Newchurch, Ros'ndale
Sutherland, And. N., M.A., minister, Rothesay
Sutherland, Hugh, M.A., minister, Cumbernauld
Sutherland, John, M.A., minister, Dunbar
Sutherland, Lew. R., M.B., C.M., 53 Kersland ter. Hillhead
Sutherland, Rod. T., M.B., C.M., Hawthorn, Melbourne
Sutherland, Walter, M.D., C.M., 121 Scarbor street, West Hartlepool
Swail, Geo. T., M.B., C.M., 31 Park st., Macclesfiel
Swan, Arch. A., B.Sc., C.E., 15 Walmer cr., Glas
Swan, Cecil J., LL.B., student, 49 Brougham st. Greenock
Swan, David, manuf., Joppa Lodge, Innellan
Swan, David, M.A., stud., 4 Robertson st., G'noc
Swan, James, 5 Clairmont gds., Glasgow
Swan, William, shipbuilder, Maryhill
Swan, Wm., B.D., assistant minister, Larkhall
Swanson, James, M.A., M.B., C.M., 20 Woodland road, Glasgow
Swanson, Wm., M.A., teacher, Cairo
Swanston, Wm., LL.B., writer, 128 Wellingto street, Glasgow
Sweenie, Wm. F., M.B., Jagerfontein, S. Africa
Sweetenham, Wm. K., M.D., 36 Auriol rd., Lond
Swift, Benjamin, M.D., 14 Leyburn ter., Dover
Sydenham, Geo. M., M.B., C.M., 4 Clinton ter. Exmouth
Syme, James G. S., M.A., chaplain, Meer, India
Symington, Alex. B., M.A., edit., Oakshaw, Paisle
Symington, Chas., M.B., C.M., Kirkconnel Sanquhar
Symington, Mich. W., M.B., C.M., Newtown Lesmahagow
Syson, John C., M.D., C.M., 11 Annfield place Glasgow

Tagert, Robert M., M.D., 12 Vesey pl., Kingstown Dublin
Tait, John H., LL.B., advoc., 18 Nelson st., Edin
Tait, Thos., B.D., min., Brunswick, Melbourne
Taniguchi, Naosada, B.Sc., C.E., Tokyo
Tannahill, Thomas F., M.D., C.M., Queenstown South Africa.
Tanner, Wm. K., M.D., Teap Island, Cork
Tannock, John P., M.B., C.M., Koffyfontein, Orang Free State.
Tant, Edward B., M.B., C.M., Uddingston
Taplin, James F., M.D., C.M., Small Heath, Birmingham
Tarbert, Richard, teacher, Mains Sch., Darvel
Tarbett, Robt., M.A., min., Buittle, Castle Dougla
Tarrell, John A., M.A., teacher, Cairo
Taylor, Alex., M.B., C.M., 12 St. George's ter., Glas
Taylor, Alex., LL.B., adv., 8 Albany st., Edinburg
Taylor, Alex. L., M.A., teacher, High school Glasgow
Taylor, Alex. O., B.D., prob., Strath'rn house Springburn
Taylor, Arthur W., M.B., C.M., 94 Toller lane Bradford
Taylor, Daniel M., M.A., M.B., C.M., 105 Bow road London, E.
Taylor, David, M.D., C.M., 144 Wellington st. Glasgow
Taylor, Duncan, minister, Ivy cottage, Brodick
Taylor, David G., B.Sc., C.E., Albion house, Ayr
Taylor, Francis, M.B., C.M., 16 Gibson st., Hillhead
Taylor, Geo. W., M.A., min., Carlops, Penicuik
Taylor, Jas. C., M.B., C.M., Barlinnie, Glasgow
Taylor, Jas. T., M.A., law clk., Northbank, Klv'side

Taylor, Jas. W., M.A., solicitor, Forbes, N.S.W.
Taylor, Jos. M., writer, 180 St. Vincent st., Glas.
Taylor, John, M.A., tch., Ravenswood, Paisley
Taylor, John, M.B., C.M., Oaklands, Keighley
Taylor, Mal. C., D.D., prof., Univ., Edinburgh
Taylor, Mal. T. S., M.A., miss., Alexandria, Egypt
Taylor, Peter, M.A., minister, Cluny, Aberdeen
Taylor, Robert, minister, New Pitsligo
Taylor, Robert, M.B., C.M., Carrick road, Ayr
Taylor, Robt., min., Twyford, Melton Mowbray
Taylor, Robt. B., M.A., min., Loudoun
Taylor, Robert D., M.D., 7 Cecil place, Glasgow
Taylor, Robert G., M.B., C.M., 16 Church street, Partick
Taylor, Matt. H., M.D., C.M., Walkinshaw villa, Johnstone
Taylor, Thos. G., M.A., minister, E. U. Manse, Eyemouth
Taylor, Wm. M., M.A., minister, New York
Taylor, Wm., M.A., min., Melville Ch., Montrose
Taylor, Wm., M.A., tch., So. Public Sch., Paisley
Taylor, Wm., M.D., C.M., War office, London
Taylor, Wm. C., M.A., min., 19A Duke st., Edin.
Taylor, Wm. C., M.D., C.M., 80 Nelson ter., Sheffield
Teacher, John H., M.A., M.B., C.M., 32 Huntly gar., Glasgow
Temple, Chas. D., M.B., C.M., Comrie
Temple, Lewis D., M.B., C.M., Barrow-in-Furness
Templeman, Jas. M., M.A., teacher, Newton villa, Blairgowrie
Templeton, And., M.A., tutor, Hillhead, Kilmaurs
Templeton, Arch., M.D., C.M., 7 Bute gds., Glas.
Templeton, Thos., M.A., eng., Kinnoul, by Perth
Templeton, Wm. S., M.A., B.Sc., tch., Portland pk., Hamilton
Tennant, Geo., M.B., C.M., Strathmore, Harrogate
Tennent, Gavin P., M.D., C.M., 159 Bath st., Glasgow
Tennent, Jos. T., M.B., C.M., Viewbank, Bathgate
Tennent, John, B.L., writer, 2 Wilton gds., Glas.
Tennent, Patrick, W.S., 9 Lynedoch pl., Edin.
Tennent, Robt., M.B., C.M. North bank, Bothwell
Tennent, Robert, M.A., stud., 1 Granby ter., Glas.
Ternan, John, M.D., 10 Alfred place, London
Theobald, Robt. M., M.A., 32 Lee ter., Lond., S.E.
Theophilus, David, M.A., fruit farmer, West Palmdale, Los Angelos, U.S.A.
Thom, Patrick B., M.A., minister, Fossoway
Thomas, David, minister, Lockerbie
Thomas, David, M.A., min., Howgate, Pennycuick
Thomas, James, M.D., C.M., Selkirk
Thomas, John, M.B., C.M., Talsarnan, N. Wales
Thomas, John O., M.A., minister, Aberdovey
Thomas, Maurice, M.B., C.M., Llanfair, Welshpool
Thomas, Walter, M.A., solicitor, 65 W. Regent st., Glasgow
Thompson, Jas. A. B., M.D., C.M., Abridge, Romford
Thompson, Jas. C., B.L., writer, 95 Wellington st., Glasgow
Thompson, Robert, M.D., Johnstown, Kilkenny
Thoms, James A., M.B., C.M., 21 Church st., Alloa
Thomson, Alex., M.D., Dumfries
Thomson, Alex. T., M.D., C.M., 25 Carnarvon st., Glasgow
Thomson, And., D.D., minister, Edinburgh
Thomson, Arthur W., D.Sc., C.E., prof., Poona
Thomson, Chas., B.D., minister, Girvan
Thomson, Chas. W., M.A., tch., Acad., Rothesay
Thomson, David, M.D., C.M., 33 Lowndes st., Lon.
Thomson, Eustace B., M.D., C.M., Albany place, Plymouth
Thomson, Geo., M.B., C.M., 72 The Avenue, Lond., W
Thomson, Geo. W., M.D., C.M., Orcadia, P'kshields
Thomson, Henry H., M.B., C.M., 32 Cumberland street, S.S., Glasgow
Thomson, Hugh, min., 201 W. George st., Glasgow
Thomson, Hugh W., M.B., C.M., 18 Newton ter., Glasgow
Thomson, Jas., M.B., C.M., Cowdenbeath
Thomson, James, LL.B., advocate, 10 S. Charlotte street, Edinburgh
Thomson, James, M.A., M.D., C.M., Newmilns
Thomson, Jas., M.A., tch., 198 New city road, Glas.
Thomson, Jas., M.A., clerk, 45 Cecil st., Hillhead
Thomson, Jas. K., min., 5 Gt. George st., Hillhead
Thomson, James, M.D., C.M., Irvine
Thomson, Jas., M.A., C.E., Newcastle-on-Tyne
Thomson, James H., B.D., minister, Blackheath Church, London
Thomson, John E. H., B.D., Missy., Safed, Palestine
Thomson, John, min., Ascog villa, Trinity, Edin.
Thomson, John, min., 63 Up. Stanhope st., L'pool
Thomson, John, M.A., stu., Howwood, Johnstone
Thomson, Jno. C., M.A., min., Green Knowe, Annan
Thomson, Jno J., B.D., min., 67 Lord st., Blackpool
Thomson, John P., M.B., C.M., 32 India st., Glas.
Thomson, John S., M.A., prob., Thornliebank
Thomson, Ninian H., advoc., 17 Alva st., Edin.
Thomson, Peter, minister, Paisley
Thomson, Peter, M.A., B.Sc., M.B., C.M., 1 Strathleven place, Dumbarton
Thomson, Pet. D., M.A., min., Peterculter
Thomson, Peter T., M.A., min., 32 Kensington terrace, Leeds
Thomson, Robert, min., Garngad hill, Glasgow
Thomson, Robert, M.A., minister, 42 Queens road, Aberdeen
Thomson, Robert S., B.Sc., M.B., C.M., 3 Melrose street, Glasgow
Thomson, Samuel M., M.A., coalmaster, 208 West George street, Glasgow
Thomson, Sholto D., M.B., C.M., 108 Buccleuch st., Glasgow
Thomson, William, min., Stafford st., Edinburgh
Thomson, Wm., B.L., law-cl., Cremona, Airdrie
Thomson, William, min., Plantation, Glasgow
Thomson, William, M.A., minister, Maybole
Thomson, Wm., M.A., chaplain, Sialkote, India
Thomson, Wm. B., B.D., minister, Galashiels
Thomson, Wm. E. F., M.A., M.D., C.M., 17 Berkeley terrace, Glasgow
Thomson, Wm. R., B.D., min., 21 Abbotsford pl., Glasgow
Thomson, William D., M.A., minister, Dumfries
Thomson, Wyville S., min., Lauriston, Falkirk
Thorburn, Robt. T., surg., Cleveland cot., Loanhead
Thornley, Jos., M.D., C.M., 246 Halliwell rd., Bolton
Thornley, Jos. M., M.B., C.M., 246 Halliwell road, Bolton
Thorp, Geo. M. E., M.B., C.M., Georget'n, Demerara
Threshie, David M., M.A., writer, 1 Balgray ter., Springburn
Tindal, And. S., M.D., C.M., 38 Queen sq., Glasgow
Tindal, David, M.D., Burnside, Rutherglen
Tod, Alex., merch., 6 E. India avenue, London
Todd, George B., M.B., C.M., 26 Bank st., Hillhead

Todd, James, M.D., C.M., 9 Eastpark ter., Glasgow
Todd, James C., B.Sc., stu., Argyll ho., Dollar
Todd, John A., B.L., writer, 133 Gr'nhead ter., Glas.
Todd, Wm., M.A., minister, Auchterarder
Toland, Chas. K., M.B., C.M., Strabane, Tyrone
Topping, Jas. S., M.A., tch., 129 Kilmarnock rd., Gl.
Topping, John P., M.D., C.M., 257 Romford road, London, E.
Torrance, David W., M.B., C.M., 3 Albion cr., Gl.
Torrance, John, min., 50 St. Vincent cr., Glasgow
Torrance, John, B.D., missionary, Poona, Bombay
Torrie, William, M.A., minister, Lismore
Trimble, Robert, M.D., Walton-le-Dale, Preston
Tripney, David, M.A., stu., Neil bdgs., Renfrew
Tudhope, Adam P., M.B., C.M., Academy street, Coatbridge
Tudsbery, John H. T., D.Sc., C.E., 9 Great George street, London, S.W.
Tulloch, John L., B.D., prob., 15 Newton pl., Glas.
Turnbull, Charles S., M.A., minister, Blantyre
Turnbull, George, M.A., min., Dailly, Maybole
Turnbull, John A., LL.B., writ., 11 India st., Gl.
Turnbull, John, writer, 50 W. Regent st., Glas.
Turnbull, Mungo, M.D., Cambuslang
Turnbull, Peter S., M.D., dep. surg.-gen., 4 Church Hill, Edinburgh
Turner, And. D., M.B., C.M., Felixstowe, Suffolk
Turner, Duncan, M.A., min., 48 Lilybank gds., Gl.
Turner, Eben, M.B., C.M., Pathhead, Kirkcaldy
Turner, George N., M.B., 6 Franklin tr., Glasgow
Turner, John R., M.B., C.M., Kelburne st., Barrh'd
Turner, Robert, minister, Kinnettles, Forfar
Turner, Wm., farmer, Gavinburn, Old Kilpatrick
Turner, William Y., M.D., C.M., Jamaica, W.I.
Tweedy, Henry, M.D., 16 Rutland square, Dublin

Underwood, Alfred, M.A., tch., 29 Charnwood st., Derby
Ure, Alexander, LL.B., M.P., adv., 26 Heriot Row, Edinburgh
Ure, Jas. A., M.B., C.M., Stalybridge, Manchester
Ure, John, clerk, 150 Woodlands road, Glasgow
Ure, John, M.A., minister, Woodside, Aberdeen
Ure, Neil Shaw, minister, Crawford st., Largs
Ure, Robert, LL.B., writer, 21 Lansdowne cres., Glasgow
Urwin, John J., M.B., C.M., 124 Brighton gr., Newcastle-on-Tyne
Valentine, George, M.B., C.M., Girvan
Valentine, Geo. D., M.A., stud., Trinity coll., Cambridge
Vallance, John M., M.B., C.M., 165 Bellfield st., Glasgow
Vallance, Wm., M.A., stu., 36 Roslea dr., Glasgow
Vass, James, M.A., solic., 4 Newmarket st., Ayr
Vaughan, John, M.A., min., 6 Azalea avenue, Sunderland
Veitch, Robt., M.A., min., 64 Eastbourne st., L'pool
Venters, Robt., B.D., prob., 15 Allan pk., Stirling
Venters, Wm. B., B.Sc., C.E., Badarpur, India
Vernon, Richard, M.D., C.M., Audley, Newcastle-under-Lyne
Viehoff, James M., B.Sc., eng., 14 Water st., L'pool
Vost, Anthony, M.B., C.M., 24 Millbrae cres., L'gside
Vost, William, M.B., C.M., Gonda, India

Waddell, Arthur R., M.D., C.M., 15 Lion st., Kidderminster
Waddell, David, M.A., tch., 12 Minerva st., Glas.
Waddell, Laurence A., M.B., C.M., LL.D. Darjeeling
Waddell, Peter H., B.D., minister, Prestonkirk
Waddell, Thomas C., D.D., Cumbernauld
Waddell, Walter, minister, Borthwick
Waddell, William, M.D., C.M., 15 Wilmslow road, Rusholme
Waddell, Wm. W., M.A., inspector of schools, Royal gardens, Stirling
Waddington, Isaac, M.D., C.M., 29 St. Andrew's villas, Bradford
Waddy, Fred. H., M.D., C.M., Boslan, Porthleven
Wakefield, Wm., M.D., C.M., Nav. & Mil. Club, Lond.
Wainwright, Chas. W., B.L., secy., Elderslie
Walker, Alex., M.A., minister, Millport
Walker, Alex., M.A., min., F. C. Manse, Shawlands
Walker, Alex. O., B.L., writer, 256 Renfrew st., Gl.
Walker, Allan, M.B., C.M., Seaton Burn
Walker, Angus F., M.B., C.M., Hawthorn cottage, Newmains
Walker, Archibald, minister, Row
Walker, David, M.A., min., 13 Newton ter., Glas.
Walker, Ernest A., M.A., M.B., C.M., New Plymouth, N.Z.
Walker, Ernest F. D., M.B., C.M., 2 Airlie pl., D'nd'e
Walker, Hugh, M.A., M.B., C.M., Kirkland villa, Shawlands
Walker, Hugh, M.A., prof., St. David's college, Lampeter
Walker, James, preacher, 74 Old Dumb'n rd., Glas.
Walker, James, M.A., tch., 18 Vulcan st., Glas.
Walker, John C., M.A., probationer, Rothesay
Walker, Patrick H., M.B., C.M., Prestwick
Walker, Robert, M.A., tch., 134 Bellfield st., Glas.
Walker, Robert, B.D., Mount View, Skelmorlie
Walker, Rob. B., LL.B., writer, Kirkland villa, Shawlands
Walker, Thomas, minister, Dalry, Galloway
Walker, Wm., M.D., Pollokshaws
Walker, Wm., M.B., C.M., Conjeveram, S. India
Walker, Wm., prob., 2 Jamaica st., Greenock
Walker, Wm. R., M.A., manuf., 296 Bath st., Glas.
Walker, Wm. T., M.A., min., 7 Onslow dr., Glas.
Wallace, Alex., M.B., C.M., Lilybank, Baillieston
Wallace, And. E., M.A., stu., manse, Glenbuck
Wallace, David, M.B., C.M., 237 Roman rd., Lond. E.
Wallace, David, M.A., tch., Pub. Sch., W. Wemyss
Wallace, Edw. H., M.A., I.C.S., North Arcot, Madras
Wallace, Edw. J., M.D., C.M., Holmbush, Southsea
Wallace, Geo. P., B.D., miss., Constantinople
Wallace, Herbert K., B.Sc., M.B., C.M., Hamilton
Wallace, Horace F., M.A., stud., St. John's manse, Hamilton
Wallace, James, M.D., 16 Union st., Greenock
Wallace, James S., B.Sc., M.D., C.M., 29 St. James' rd., Kingston-on-Thames
Wallace, Jas. W., M.D., C.M., 37 Apsley pl., S.S., Glas
Wallace, James, M.A., minister, Redcar
Wallace, Jas., M.A., stu., 14 Sutherland ter., Glas.
Wallace, Jardine, minister, Traquair
Wallace, John, M.A., stud., Dalrymple manse, Ayr
Wallace, Jos. B., M.B., C.M., 39 Battersea Rise, London, S.W.
Wallace, Robert, M.B., C.M., Govanhill
Wallace, Robt. W., M.A., minister, 151 Bruntsfield place, Edinburgh
Wallace, Wm., M.A., M.B., C.M., 25 Newt'n pl., Glas.
Wallace, William, M.D., C.M., Crick, nr. Rugby

Wallace, William, M.A., tch., 4 Cloberry st., Leeds
Wallace, Wm., M.D., C.M., 2 Upper Wimpole st., Lond., W.
Wallace, Wm., M.A., adv., 7 India st., Edinburgh
Wallace, Wm. T. M., M.B., C.M., Kirkcaldy
Wallis, Patrick, M.D., Charleville, Co. Cork
Walsh, John, M.D., 137 Falkner st., Liverpool
Walton, Thomas U., B.Sc., C.E., Sydney
Wands, James, M.B., C.M., Pelton Fell, Chester-le-Street
Ward, Noel C. E., M.B.,C.M., Prome, Lr. Burma
Warden, Arch. A., M.A., M.B., C.M., 8 Windsor ter., Glasgow
Wardrop, David, M.A., farmer, Bankend, Cumnock
Wardrop, Thos., M.A., stu., Bankend, Cumnock
Wark, David, min., Auchincairn, Castle Douglas
Wark, Jas. R., M.A., min., Banchory-Ternan
Wark, John L., M.A., stu., 45 Cecil st., Hillhead
Warner, Robert, M.A., writer, 135 St. Vincent st., Gl.
Warnock, Gavin B.D., prob., Garrion, Wishaw
Watanabe, Kaichi, B.Sc., C.E., Tokyo, Japan
Watchman, Jas., M.A., stud., Whins of Milton, Stirling
Waters, John H., M.D., C.M., 101 Jermyn st., London, S.W.
Watson, Alex. C., B.D., minister, Renton
Watson, Alex. L., M.A., stud., Alloway park, Ayr
Watson, And., M.B., C.M., 1 Gray street, Parkhead
Watson, David, M.B., C.M., Upwell, Wisbech
Watson, David, M.A., minister, Clough, Co. Down
Watson, David, M.A., merch., Church-hill, L'nark
Watson, Henry A., M.A., M.B., C.M., 8 Victoria crescent, Dowanhill
Watson, Herbert J., B.Sc., shipbroker, Yew Bank, Bowdon
Watson, Jas., M.A., tch., Chas. st. new, Langholm
Watson, James, B.L., solic., 11 Belmont cr., Glas.
Watson, James, M.B., C.M., 118 Goldsmith street, Nottingham
Watson, James R., M.A., student, 11 Westmuir street, Parkhead.
Watson, John, M.A., min., South Yell, Lerwick
Watson, Malcolm, M.B., C.M., 6 Buckingham street, Glasgow
Watson, Thomas, writer, 50 W. Regent st., Glas.
Watson, Thomas, M.D., C.M., Argyll house, So. Stockton-on-Tees
Watson, Thos., M.A., miss., Ukambania, E. Africa
Watson, Wm., M.A., min., Bridgend, Dumbarton
Watson, William, M.A., tutor, Newford, Busby
Watson, Wm., M.B., C.M., 71 Livesey st., Manchester
Watson, Wm., M.D., C.M., Nursery, Strathaven
Watson, Wm. R. K., M.A., M.B., C.M., Exminster
Watt, Alb. T., M.A., B.L., solic., Almada, Hamilton
Watt, Alex., M.B., C.M., Stewarton
Watt, Allan, M.B., C.M., Greenside, Strathaven
Watt, Andrew, B.D., prob., Crosshill, Strathaven
Watt, David G., M.A., minister, 12 Berwyn road, London, S.E.
Watt, Dugald C., M.B., C.M., Pietermaritzburg
Watt, Henry A., M.A., bar., 125 Buchanan st., Gl.
Watt, Hugh G., D.D., min., St Enoch's, Dundee
Watt, James R., M.B., 8 Wellington square, Ayr
Watt, John, M.B., C.M., St. Catherine's, Kew gardens, London
Watt, John C., M.A., Fellow, Jesus coll., Cambridge
Watt, Rich. M., B.Sc., U.S. Nav. Off., Washington
Watt, Thos., M.A., M.B., C.M., 44 High st., Paisley
Watt, Wellstood A., LL.B., D.Phil., solic., Hamilt'n
Watt, William M., minister, Shotts
Waugh, Thomas, M.D., Stewartstown, Tyrone
Wauchope, Andrew, M.B., C.M., 190 Crown st., Gl.
Weatherhead, Jas., B.D., min., 19 Kelvinside tr., Gl.
Webb, Henry P., M.B., C.M., 1 Leathwaite road, London, S.W.
Webster, Alfred, M.B., C.M., 2 Athole Gds. ter., Gl.
Webster, David G., B.D., prob., Eva cot., H'l'nsb'gh
Weild, Andrew, minister, Thornliebank
Weir, Jas., M.B., C.M., 15 Kyle park, Uddingston
Weir, James B., M.D., Silverstone
Weir, James J., M.B., C,M., St. John's terrace, Jarrow-on-Tyne
Weir, John, minister, Towerhill, Kilmaurs
Weir, John, M.A., principal, Mysore, India
Weir, John, M.A., minister, Forfar
Weir, John, M.A., tch., 621 Alexandra parade, Glas.
Weir, John W., M.D., C.M., Tembuland, So. Africa
Weir, John, M.D., Carrickfergus
Weir, John C., minister, Strathview, Bothwell
Weir, Robt., M.B., C.M., Dell road, Campbeltown
Weir, Thos. D., B.Sc., C.E., Venezuela, S. America
Weir, Thos. H., B.D., Univ. asst., Hillcrest, Part'k
Weir, Wm., B.Sc., M.B., C.M., 4 Melrose st., Glas.
Wells, Alex. S., M.A., stu., 4 Knowe tr., P'l'kshields
Wells, John H., minister, Bridge of Earn
Welsh, Alex., M.D., C.M., Whitworth, Rochdale
Welsh, Robert, M.A., min., Walm lane, London
Wemyss, John, M.A., solic., Neepawa, Manitoba
Wenley, Robert M., M.A., D.Sc., D.Phil., prof., E. Madison st., Ann Arbor, Mich., U.S.A.
West, Duncan M., Hillside, Pollokshaws
Whamond, William, M.D., Jarrow-on-Tyne
Whamond, John G. H., M.A., teacher, 10 Caledonia street, Paisley
Whish, Chas., M.B., C.M., 18 Herriot st., P'ksh'ws
White, Adam, advocate, 13 Orr st., Glasgow
White, Adam C., M.B., C.M., 13 Orr st., Glasgow
White, Alex., M.B., C.M., 2 Randolph terrace, Ayr
White, Jas. L., M.B., C.M., Coathill, Coatbridge
White, Jas. W., M.B., C.M., 2 Regent Park square, Strathbungo
White, James W., M.D., Bellside av., Uddingston
White, John, M.A., min., 12 Holborn tr., Kelvinside
White, John, M.A., minister, Shettleston
White, Malcolm, M.A., minister, Blairgowrie
White, Matthew, B.D., min., Skirling, Biggar
White, Robt., M.A., prob., 50 Glasg. st., Maxwellt'n
White, Robert N., M.B., C.M., St. Andrew's villa, Pollokshields.
White, Walter, minister, Pitroddie, Errol
White, Wm., B.D., min., Crosshouse, Kilmarn'ck
Whiteford, Alex., M.A., farmer, Carswell house, Neilston
Whitehouse, Henry, M.B., C.M., 213 B'rk'ley st., Gl.
Whitehouse, John, M.B., C.M., 213 Berkeley st., Gl.
Whitelaw, Robert, M.B., C.M., Calcutta
Whitelaw, Wm., M.D., Kirkintilloch
Whitson, Jas., M.D., C.M., 13 Somerset pl., Glas.
Whyte, Adam G., B.Sc., journ., Eastw'd, H'l'nsb'gh
Whyte, Alex., B.Sc., B.D., min., 69 Montgomery street, Glasgow
Whyte, Henry L., sec., Workington
Whyte, James, B.D., prob., 117 Watt st., Glasgow
Whyte, James B., minister, Hartlepool
Whyte, Martin, M.B., C.M., Crosshill house, Rutherglen

Whyte, Robt., M.A., D.D., minister, 9 W. Castle road, Edinburgh
Whyte, Robt. O., M.A., stud., 50 Paisley rd., Glas.
Whyte, William, M.A., B.Sc., H.M.I.S., Aberdeen
Wight, George, M.A., minister, Wamphray
Wight, Wm. T., B.L., writ., 226 W. Geo. st., Glas.
Wildridge, Charles M., M.B., C.M., 97 Bradford street, Birmingham
Wilkie, Arthur W., M.A., stud., Egerton pk., R'kf'ry
Wilkie, Jas. M., Deanehurst, Rockferry, Cheshire
Williams, Alf., M.D., C.M., 251 Chapel st., Salford
Williams, Edgar, B.D., minister, Nash road, Newport, Monmouth
Williams, Edw., M.B., C.M., 1 Splott rd., Cardiff
Williams, George, M.D., Dingle, co. Derry
Williams, Hy. W., M.B., C.M., Gowan brae, Cr'hill
Williams, Leon., M.B., C.M., Hillsdon, Sidmouth
Williams, Llewellyn W., B.Sc., C.E., The Linn, Cathcart
Williams, Walter E., M.B., C.M., Portmadoc, Wales
Williamson, David, minister, Forgandenny
Williamson, Henry A., B.D., prob., Lesmahagow
Williamson, Jas., min., 21 Ravelston pk., Edin.
Williamson, Jas. F., prop. ag., 57 Oswald st., Gl.
Williamson, Robert, D.D., min., Hillside, Forres
Williamson, Robt. P. G., M.A., teacher, 17 Carlisle terrace, Bradford
Williamson, Walter, writer, Beith
Williamson, Wm. J., M.A., min., Banagher, Derry
Willis, George, M.D., Oakhouse, Monmouth
Willis, Wm. R., M.B., C.M., Clifton ho., Baillieston
Willison, John, writer, 121 W. Regent st., Glas.
Wills, James, M.D., C.M., 232 Old Kent Road, London, S.E.
Wilson, Adam, B.D., minister, Bridge of Weir
Wilson, Adam J., M.A., teacher, Sydney, N.S.W.
Wilson, Andrew, M.B., C.M., 1 Lendel ter., Glas.
Wilson, Alex. D., M.B., C.M., 3 Great Kelvin terrace, Hillhead
Wilson, Alex. S., M.A., B.Sc., min., N. Queensferry
Wilson, Allan, M.D., Bondgate without, Alnwick
Wilson, And. C., B.Sc., M.B., C.M., Avenue, Jo'nst'n.
Wilson, Charles, M.D., 2 Market square, Crewe
Wilson, Charles, M.B., C.M., U.P. manse, Drymen
Wilson, Daniel, minister, Borrowstownness
Wilson, David, M.A., D.Sc., Carbeth, Killearn
Wilson, Dav., M.A., I.C.S., 151 Bruntsfield pl., Edin.
Wilson, Dav., M.B., C.M., Harpsdale ho., Birtley
Wilson, David, M.D., C.M., Church street, Paddock, Huddersfield
Wilson, George, M.B., C.M., Stane, Shotts
Wilson, Henry, M.A., stu., 5 University st., Glas.
Wilson, Henry B., M.B., C.M., 23 Monteith row, Gl.
Wilson, Hugh C., M.A., minister, Eastbourne
Wilson, James, minister, Dundee
Wilson, James L., M.B., C.M., Wellfield, Duns
Wilson, James, M.A., minister, Broughty-Ferry
Wilson, James, M.A., S.J., St. Helier, Jersey
Wilson, James, M.A., M.B., C.M., 863 Govan rd., Govan
Wilson, James, B.D., min., Gardenstown, Banff
Wilson, Jas. A., M.B., C.M., Langley Moor, Durh'm
Wilson, Jas. A., M.D., C.M., 38 Monteith row, Glas.
Wilson, James A., M.D., C.M., Springburn
Wilson, Jas. B., M.A., stud., 9 Irvine pl., Stirling
Wilson, Jas. D. O., M.B., C.M., U.P. manse, Drymen
Wilson, Jas. E., M.B., C.M., Thorncliff, Greenock
Wilson, Jas. M., M.D., C.M., 51 Hallgate, Doncaster
Wilson, James H., B.A., tch., Westfield, Cupar Fife
Wilson, Jas. P., B.D., minister, Dalbeattie
Wilson, Jas. P., M.B., C.M., Infirmary, Dumfries
Wilson, James S., M.B., Auchingilsie, Cumnock
Wilson, James S., M.D., C.M., Walsall
Wilson, John, M.A., minister, Abernyte
Wilson, John, M.A., minister, Methven
Wilson, John, M.D., Bellmont, Possil road, Glas.
Wilson, John, M.D., Lanchester, Durham
Wilson, John, M.B., C.M., 38 Monteith row, Glas.
Wilson, John C., M.B., C.M., Belmont, Blantyre
Wilson, John G., M.D., Ashton-under-Lyne
Wilson, John, M.A., teacher, Tillicoultry
Wilson, John, B.L., writer, New rd., Bannockburn
Wilson, John M., M.A., asst. insp. of sch., 16 St. Albans ter., Dowanhill, Glasgow
Wilson, John N., M.B., C.M., 3 Prospect ter., Jarrow-on-Tyne
Wilson, John R., M.A., min., Wilton manse, Haw'k
Wilson, Joseph, M.A., tch., Artikelly, Convoy
Wilson, Matt., M.A., curate, Dukinfield, Ches.
Wilson, Matthew, M.A., The Avenue, Johnstone
Wilson, Matthew G., M.A., iron merchant, 3 Oxford street, Glasgow
Wilson, Peter, M.A., minister, Leith
Wilson, Robt., M.D., C.M., 38 Monteith row, Glas.
Wilson, Robt., M.B., C.M., Brislington ho., Bristol
Wilson, Robt., B.D., prob., 32 Kyle pk., Ud'ngston
Wilson, Robt., M.A., stud., 434 St. George's rd., Glas.
Wilson, Robt. A., M.D., C.M., Hornby, Lancaster
Wilson, Stewart, M.D., Omagh
Wilson, Thomas H., M.A., teacher, 482 Duke st., Glasgow
Wilson, William, M.A., licentiate, Bothwell
Wilson, Wm., M.D., C.M., 10 Eglinton st., Irvine
Wilson, William B., clergyman, Duns
Wilson, Wm. A., M.D., C.M., Thorncliffe, Green'ck
Wilson, Wm. W., M.A., min., Savoch, Auchnagatt
Wilson, Wm. M., M.B., C.M., Tientsin, N. China
Wilson, Wm. M., M.B., C.M., 32 Grafton sq., Glas.
Wilson, Wm. R., B.Sc., electr., 5 Meadowbank cr., Partick
Wingate, Donald, M.B., C.M., Haswell, Durham
Wingate, Hamilton M., B.Sc., chem., Melbourne
Wingate, Walter, M.A., teacher, St. John's sch., Hamilton
Wingate, Wm., minister, 100 Talbot rd., Bayswater, London
Winn, Jas. M., M.D., 21 Goldhurst ter., Lon., N.W.
Winning, Isaac, M.A., tch., Valparaiso, Chili
Winning, Walter, M.A., 165 Main st., Rutherglen
Wishart, Jas., M.A., tch., Wilson st., Airdrie
Wishart, Robt. S., M.A., tch., Meigle cot., Stepps
Wolfe, John Reissberg, M.D., Glasgow
Wolverson, Fred., M.B., C.M., 141 New Hampton road, Wolverhampton
Wood, Jas. B., B.D., min., St. Paul's, Dundee
Wood, Percival J., M.A., teacher, Univ. school, Cambridge road, Southport
Wood, Robt. T., M.B., C.M., 6 Blantyre st., Glas.
Woodburn, Alex., B.Sc., C.E., Ry. Co., Calcutta
Woodburn, James C., M.D., 197 Bath st., Glasgow
Woodgates, Samuel H., M.D., Mona lodge, Exeter
Woods, Thomas, M.D., Parsonstown
Woodside, David, B.D., minister, 1 Colebrooke terrace, Glasgow
Workman, Harold, B.Sc., eng., 5 Hanover ter., Glas.
Wortabet, James R., M.B., C.M., Beyrout, Syria

Worton, Albert S., M.B., C.M., Whinstone, Tollcross
Wotherspoon, James, B.D., probationer, Coatdyke, Coatbridge
Wotherspoon, John, M.B., C.M., Seattle, Washington, U.S.A.
Wotherspoon, William L., min., Kilspindie, Errol
Wray, William, M.A., min., Orritor, Cookstown
Wright, Alexander, M.A., minister, Musselburgh
Wright, Dan., M.A., writer, 22 Abbey st., Paisley
Wright, Hugh, writ., 13 St. James' sq., Edinburgh
Wright, John, M.B., C.M., 3 Victoria pl., Shawlands
Wright, John C., M.B., C.M., 13 Elderslie st., Glas.
Wright, John S., M.B., C.M., 159 Manchester road, Bradford
Wright, Peter, minister, U.P. manse, Forfar
Wright, Thos., M.A., min., 10 Gladstone pl., Stirling
Wright, Thos., M.B., C.M., 8 Corunna st., Glasgow
Wright, William, minister, Lochee
Wyer, Otho F., M.D., Leamington
Wylie, Adam Howie, M.D., C.M., 93 Manchester street, Oldham
Wylie, Alex., M.A., min., 1 Mardale cr., Edin.
Wylie, Alex., W.S., 21 Douglas cr., Edinburgh
Wylie, Alex., M.B., C.M., Croxall Grange, Lichfield
Wylie, And., M.D., C.M., Buckley hill, Marsden, Huddersfield
Wylie, Charles F., M.B., C.M., 7 Elgin ter., Partick
Wylie, James, M.B., C.M., 64 Kelvingrove st., Glas.
Wylie, John, M.B., C.M., The Crescent, Dalmuir
Wylie, John, M.B., C.M., Stewarton, Ayrshire
Wylie, Rich. J., M.B., C.M., 1 The College, Glasgow
Wylie, William, M.A., teacher, Flotta, Stromness
Wylie, Wm. S., B.L., writer, 149 St. Vincent st., Glas.
Wyllie, John, B.L., writ., Bencloich, Lennoxtown
Wyllie, John, M.D., C.M., 262 Beverley road, Hull
Wyllie, William, M.D., C.M., Kirkby Lonsdale
Wyllie, William, M.A., minister, 110 Dunnikier road, Kirkcaldy
Wytt, William H. de, M.B., C.M., University, St. Andrews

Yair, David W., minister, Firth, Orkney
Yair, John M., M.B., C.M., Warambeen, New Mexico
Yamamoto, Nagakata, B.Sc., naval architect, Honjoku, Tokyo
Yarrow, Henry, M.B., C.M., 7 Lauriston pl., Glas.
Yeaman, George, M.D., 2 Albany place, Glasgow
Yeomanshaw, Herbert, M.B., C.M., 5 Leaf square, Pendleton
York, William, writer, 150 Hope street, Glasgow
Young, Alex. G., M.B., C.M., Mt. Rillington, York
Young, Alfred A., M.A., M.B., C.M., 256 Bath st., Gl.
Young, Archibald, M.A., minister, 29 Osborne place, Aberdeen
Young, Archibald, B.Sc., M.B., C.M., 20 Albert drive, Pollokshields
Young, Daniel L., M.A., manuf., William st., Gl.
Young, David, M.D., C.M., 248 Gt. Eastern rd., Gl.
Young, David, M.B., C.M., Greenbank, Partick
Young, David, M.A., stu., F.C. Hall, Glasgow
Young, David, B.D., prob., Flemington, Strathaven
Young, Eben. D., M.A., W.S., 13 Frederick st., Edin.
Young, Frank S., M.A., acct., Kansas, U.S.A.
Young, Geo. B., B.L., solic., Mt. Pleasant, Falkirk
Young, Homer, M.A., minister, Lochmaben
Young, Hugh C. T., M.B., C.M., Paisley
Young, James, M.A., tch., South Schoolho., Biggar
Young, James, M.D., C.M., Redbourn, Herts
Young, James, minister, Dyrock, Prestwick
Young, Jas., M.A., min., N. Parish manse, Paisley
Young, Jas. J. T., M.B., C.M., 46 Pollok st., Glas.
Young, Jas. M., M.B., C.M., 32 Lilybank gns., Hillh'd
Young, James W., writer, Kilsyth
Young, John, M.D., professor, Glasgow
Young, John, M.B., C.M., The Thorn, Earlston
Young, John, M.D., 91 Up. Hanover st., Sheffield
Young, John, minister, Greenock
Young, John, M.A., B.Sc., sec. to Tech. Coll., Gl.
Young, John, M.B., C.M., 3 Whitehill gar., Glasg.
Young, John, M.A., minister, Greenfield, Iowa.
Young, John, M.B., C.M., 2 Havelock ter., Glas.
Young, John, M.A., stud., 101 Greenhead st., Glas.
Young, John C., M.B., C.M., Aden, Arabia
Young, Robert Arthur, LL.B., advocate, 11 Great Western terrace, Glasgow
Young, Robert B., M.A., M.B., C.M., 8 Crown gardens, Glasgow
Young, Robt. H., M.B., C.M., 49 Park rd., Glasg.
Young, Robt., M.A., tch., Anderson sch., Lerw'k
Young, Robert R., M.D., C.M., 2 Melbourne street, Leicester
Young, Robert T., M.A., probationer, Oakwood, Bridge-of-Allan
Young, Thos., M.D., C.M., 82 Butler st., M'chester
Young, Thos. C., LL.B., writer, 93 West Regent street, Glasgow
Young, William, M.A., minister, Baldernock
Young, Wm., M.B., C.M., 32 Lilyb'k gds., Hillh'd
Young, Wm. G., M.D., 22 Monteith row, Glasgow
Young, William, minister, Barrhead
Young, William M., M.A., M.B., C.M., 171 Woodhouse lane, Leeds
Young, William R., M.A., tch., Pub. sch., Larbert
Young, Wm. S., M.B., C.M., Crescent, Garliest'n
Younger, Arch. S., B.Sc., eng., Airliewood, Ibrox
Younger, Robt. T., LL.B., advocate, 63 Frederick street, Edinburgh
Yuill, John, M.B., C.M., Tannochside, Uddingst'n
Yuille, Geo. S., B.D., prob., Roslyn, Bothwell
Yuille, James, minister, Peterhead

Zahm, Frank B., B.Sc., naval arch., New York
Zinkeisen, Wm., B.Sc., mine manager, Cali, Colombia
Zuill, John, M.A., M.B., C.M., Kincardine-on-F'th
Zuill, Robert, M.B., C.M., Carnock, Dunfermline

APPENDIX II.

EXTRA-ACADEMICAL TEACHING.

N.B.—Every application for recognition must be accompanied by a payment to the University Factors, Messrs. Hill & Hoggan, 194 Ingram Street, Glasgow, of a fee of £5 5s., to be placed to the credit of a fund for defraying the cost of investigation by experts of the fitness of the teacher applying, and of the accommodation, apparatus, and teaching appliances at the disposal of the teacher.

The following regulations for the recognition of Extra-Academical Teaching under Ordinances Nos. 14, 12, and 23, were adopted by the University Court on 14th June, 1894:—

IN THE CASE OF INDIVIDUAL EXTRA-ACADEMICAL TEACHERS.

I. Every application shall be made to the Secretary of the University Court and shall supply the following information:—

(*a*) The registrable or other qualification or qualifications of the applicant.

(*b*) A statement of his opportunities of studying the subject and the length of time devoted thereto.

(*c*) A statement of his experience in teaching the subject.

(*d*) A note of any of his published articles or works on the subject.

(*e*) The appointments which he holds as a teacher of the subject in which he requests recognition, and a statement whether the course for which recognition is sought has previously been conducted by him, and if so, for how long. If the applicant is a teacher in a Medical School, College of Science, or other similar Institution, the most recent issue of the Calendar of such School, College, or Institution, should be forwarded.

(*f*) The number of meetings to which the course extends, whether each meeting is for one hour or longer, and a statement of the proportion of the course to be devoted to lectures, practical demonstrations, examinations and tutorial work. In the case of a practical course, information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the teacher for whom recognition is sought, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects treated in the course and of the books proposed for the use of students should also be sent in every case.

(*g*) The hour or hours at which the course is conducted.
(*h*) The accommodation, apparatus, and teaching appliances provided for the class.
(*i*) The teaching or examining bodies which have recognized his course.

II. In the case of an applicant conducting courses in Glasgow or its neighbourhood an inspection shall be made of his accommodation and appliances for teaching.

III. Every Extra-Academic Teacher in Glasgow whose course has been recognized under Ordinance No. 12 or Ordinance No. 14 shall, at the commencement of each session, call the attention of his whole class to the provisions of the Ordinance as to enrolment and payment of fee at the University by all students who desire afterwards to graduate there; he shall also call attention to the University requirements as to preliminary examination (more stringent in the case of medical students than the minimum required by the General Medical Council); and shall advise any students looking forward to a University degree to procure from the Matriculation Office a copy of the syllabus of regulations applicable to their course.

IV. Every recognized Extra-Academical Teacher shall annually within one month of the close of the session furnish the University Court with a return of

(*a*) The number of students who have attended the recognized course or courses, in such manner as to qualify *pro tanto* for graduation in the University of Glasgow.
(*b*) Any change that may have been made in the accommodation or appliances provided.
(*c*) A statement showing, for the year next ensuing, the number of meetings to which the course extends, whether each meeting is for one hour or longer, and the proportion of the course to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of a practical course information should be given as to the manner of conducting it, the number of examinations, oral or written, and whether, or to what extent lectures or tutorial work form part of the course. It should also be stated whether, besides the recognized teacher, assistants or demonstrators take part in conducting the course (whether systematic or practical), and, if so, their number, qualifications, and the extent to which they take part in conducting the course. A syllabus of the subjects to be treated in the course, and of the books proposed for the use of students, should also be sent.

V. The certificate of attendance granted by Extra-Academical Teachers should in all cases state the number of lectures or meetings for practical instruction in the course, the number of occasions on which the student was present, the fee charged, and bear that the student has duly performed the work of the class.

VI. Every candidate not being a matriculated student attending the course of an Extra-Academical Teacher in Glasgow, recognized for the purposes of graduation in Medicine or Pure Science, must at the commencement of each year enrol his name in a book kept at the University for that purpose, paying a fee of the same amount as the matriculation fee, and having in respect thereof a right to the use of the University Library. (Ord. No. 14, § VIII. 5 ; Ord. No. 12, § V.)

VII. The fee for attendance for the purposes of graduation on the courses of instruction of an Extra-Academical Teacher in Glasgow shall not be less than the fee for the corresponding University Class. (Ord. No. 14, § VIII. 6 ; Ord. No. 12, § IV. 2 ; Ord. No. 23, § IV. 2.)

VIII. The Court will not in any case recognize for the purposes of graduation in Medicine the course of any teacher who teaches at the same time more than one of the subjects, except where the applicant is a professor or teacher of any endowed public college or institution, who, by the terms of his appointment, is required to teach more than one of the subjects, and in that case recognition can be granted in one subject only. (Ord. No. 14, § VIII. 7.)

IX. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

X. The recognition of any teacher who fails to furnish the information required in terms of Regulation IV., or a sufficient explanation relative to such failure, or who has ceased for the period of two consecutive sessions to teach the subject in which he is recognized, shall *ipso facto* terminate.

IN THE CASE OF SCHOOLS OR INSTITUTIONS.

I. Every application shall be made to the Secretary of the University Court, and shall supply the following information :—

(*a*) A statement of the number of teachers and a detailed syllabus of the curriculum courses proposed to be given, or, in the case of practical classes, information of a similar kind.

(*b*) The number and duration of lectures proposed to be given and the number of examinations, whether written or oral, deemed necessary, or in the case of a practical class, information of a similar kind. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematic or practical).

(*c*) The hours of lectures.

(*d*) The teaching or examining bodies which have already recognized the curriculum or certificate of the school or institution making application.

(*e*) A statement as to the accommodation, apparatus, and appliances at the disposal of the teachers in the school or institution making application.

(*f*) A note of the fees proposed to be charged.

II. The Court shall, if it thinks fit, cause an inspection to be made of the accommodation, apparatus, and teaching appliances provided by the school or institution making application.

III. Every recognized school or institution shall annually within one month of the close of the session furnish the University Court with a return of (*a*) The number of students who have attended the recognized school or institution in such manner as to qualify *pro tanto* for graduation in the University.

(*b*) Any change that may have been made in the accommodation or appliances provided.

(*c*) A statement showing, for the year next ensuing, the number of meetings to which the courses extend, whether each meeting is for one hour or longer, and the proportion of the courses to be devoted to lectures, practical demonstrations, examinations, and tutorial work. In the case of practical courses information should be given as to the manner of conducting them, the number of examinations, oral or written, and whether, or to what extent, lectures or tutorial work form part of the courses. It should also be stated whether assistants or demonstrators take part in conducting the courses (whether systematic or practical).

IV. The certificates of attendance granted by recognized schools or institutions should in all cases state the number of lectures or meetings for practical instruction in the courses, the number of occasions on which the student was present, the fees charged, and bear that the student has duly performed the work of the classes.

V. The fees for attendance for the purposes of graduation on the courses of instruction in a recognized school or institution shall not be less than the fees for the corresponding University classes. (Ord. No. 14, § VIII. 6; Ord. No. 12, § IV. 2; Ord. No. 23, § IV. 2.)

VI. It is a condition of every recognition granted by the Court that it can be withdrawn or suspended at any time if the Court see fit.

LIST OF EXTRA-ACADEMICAL TEACHERS.

List of Extra-Academical Teachers recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Science, in terms of Ordinances of the Universities Commissioners (1858 and 1889), the names of those who are recognized for Graduation in Science being printed in *italics*.

2 Oct., 1867,	Stevenson Macadam, Ph.D., Edin.,	*Chemistry.*
19 April, 1876,	Dr. James Gow Black, Otago,	*Chemistry.*
..	Miller Coughtrey, M.B., Otago,	*Anatomy.*
7 Nov., 1876,	John Dougall, M.D., Glasgow,	*Materia Medica.*
..	James Stirton, M.D., Glasgow,	*Midwifery.*
12 Sept., 1877,	A. M. Buchanan, M.D., Glasgow,	*Anatomy.*
21 Dec., 1880,	William Craig, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	J. O. Affleck, M.D., Edinburgh,	*Practice of Medicine.*
,,	John Barlow, M.D., Glasgow,	*Physiology.*
,,	Samson Gemmell, M.D., Glasgow,	*Practice of Medicine.*
24 May, 1881,	Byrom Bramwell, M.D., Edin.,	*Practice of Medicine.*
13 Feb., 1883,	John Glaister, M.D., Glasgow,	*Forensic Medicine.*

22 July, 1885,	James J. Dobbie, M.A., D.Sc., University Coll., Bangor,	*Chemistry.*
,,	Reginald W. Phillips, B.A., B.Sc., University Coll., Bangor,	*Botany.*
28 April, 1886,	A. Smithells, B.Sc., Yorkshire College, Leeds,	*Chemistry.*
4 Oct., 1887,	Claud M. Thompson, University College, Cardiff,	*Chemistry.*
,,	W. Newton Parker, University College, Cardiff,	*Zoology.*
27 Feb., 1890,	James Robertson Watson, M.A., Glasgow,	*Chemistry and Practical Chemistry.*
,,	Alex. Robertson, M.D., Glasgow,	*Practice of Medicine.*
,,	Philip J. White, M.B., University College, Bangor,	*Zoology.*
5 Jan., 1892,	B. C. A. Windle, M.D., Queen's Coll., Birmingham,	*Anatomy.*
,,	F. J. Allen, M.A., M.B., C.M., Mason Science Coll., Birmingham,	*Physiology.*
,,	T. W. Bridge, M.A., Mason Science Coll., Birmingham,	*Zoology.*
28 April, 1892,	James Swanson, M.A., M.B., C.M., St. Mungo's Coll., Glasgow,	*Botany.*
23 Feb., 1893,	*James Blyth, M.A.*, Technical College, Glasgow,	*Physics.*
,,	J. W. Carr, M.A., University College, Nottingham,	*Botany.*
27 April, 1893,	*G. G. Henderson, D.Sc.*, Technical College, Glasgow,	*Chemistry.*
,,	A. Gray, M.A., LL.D., University College, Bangor,	*Physics.*
,,	J. H. Poynting, D.Sc., Mason College, Birmingham,	*Physics.*
20 July, 1893,	J. Berry Haycraft, M.D., University College, Cardiff,	*Physiology.*
9 Nov., 1893,	J. A. Thomson, M.A., Edinburgh,	*Zoology.*
,,	A. P. Aitken, D.Sc., Edinburgh,	*Chemistry.*
,,	J. F. King, Edinburgh,	*Chemistry.*
,,	W. I. Macadam, Edinburgh,	*Chemistry.*
,,	J. B. Readman, D.Sc., Edinburgh,	*Practical Chemistry*
,,	D. N. Paton, M.D., Edinburgh,	*Physiology and Practical Physiology.*
,,	R. Stockman, M.D., Edinburgh,	*Materia Medica and Therapeutics.*
,,	A. Bruce, M.D., Edinburgh,	*Pathology and Practical Pathology.*
,,	F. W. N. Haultain, M.D., Edinbro',	*Midwifery.*
,,	R. M. Murray, M.B., Edinburgh,	*Midwifery.*
,,	G. A. Gibson, M.D., Edinburgh,	*Practice of Medicine.*
,,	R. W. Philip, M.D., Edinburgh,	*Practice of Medicine.*

9 Nov., 1893.	W. Husband, M.D., Edinburgh,	*Vaccination.*
14 Nov., 1893.	R. B. Ness, M.A., M.B., Anderson's College, Glasgow,	*Materia Medica and Therapeutics, and Practical Pharmacy.*
,,	Dawson Turner, M.D., Edinburgh,	*Physics.*
8 Feb., 1894.	J. W. B. Hodsdon, M.D., Edinbro',	*Surgery.*
,,	H. E. Clark, M.R.C.S., Glasgow,	*Surgery.*
,,	*Andrew Jamieson, M.I.C.E.,* Technical College, Glasgow,	*Electrical Engineering.*
8 Mar., 1894.	John M. Brown, M.B., C.M., Edin.,	*Anatomy and Practical Anatomy.*
,,	John S. M'Laren, M.B., C.M., Edinburgh,	*Surgery.*
,,	Robert T. Kent, M.A., F.R.C.S., St. Mungo's College, Glasgow,	*Anatomy.*
14 June, 1894,	George T. Beatson, M.D., Glasgow,	*Surgery.*
,,	Francis M. Caird, M.B., C.M., Edinburgh,	*Surgery.*
,,	Alexander James, M.D., School of Medicine, Edinburgh,	*Practice of Medicine.*
,,	A. N. M'Alpine, Minto House, Edinburgh,	*Botany.*
,,	William Russell, M.D., School of Medicine, Edinburgh,	*Pathology and Practical Pathology.*
,,	Henry Alexis Thomson, M.D., Minto House, Edinburgh,	*Surgery.*
2 Aug., 1894,	George B. Todd, M.B., C.M., Anderson's College, Glasgow,	*Zoology.*
,,	John Hardie, M.B., C.M., F.R.C.S.E., Edinburgh School of Medicine,	*Anatomy and Practical Anatomy.*
,,	Percy F. Frankland, Ph.D., B.Sc., F.R.S., Mason Coll., Birming.,	*Chemistry.*
13 Dec., 1894,	*F. G. Ogilvie, M.A., B.Sc.,* Heriot Watt College, Edinburgh,	*Mechanics.*
,,	*R. Stanfield, A.R.S.M., A.M. Inst. C.E.,* Heriot Watt Coll., Edin.,	*Mechanical Engineering.*
,,	*John Gibson, Ph.D.,* Heriot Watt College, Edinburgh,	*Chemistry and Chemical Laboratory.*
14 Feb., 1895,	A. H. Trow, B.Sc., University College, Cardiff,	*Botany.*
,,	A. B. Robertson, F.C.S., Coatbridge Technical School and Mining College,	*Chemistry.*
,,	Malcolm Laurie, B.A., D.Sc., F.R.S.E., St. Mungo's College, Glasgow,	*Zoology.*
9 May, 1895.	D. Campbell Black, M.D., Anderson's College, Glasgow,	*Physiology.*

14 Nov., 1895,	Robert Turnbull, B.Sc., New School of Medicine, Edinburgh,	*Botany.*
12 Dec., 1895,	Peter Bennett, Anderson's College Medical School, Glasgow,	*Physics.*
,,	T. K. Dalziel, M.B., Anderson's College Medical School, Glas.,	*Surgery.*
9 Jan., 1896,	Charles Workman, M.D., Royal Infirmary, Glasgow,	*Pathology and Practical Pathology.*
18 June, 1896,	John Edgar, M.A., B.Sc., M.B., Anderson's College Medical School, Glasgow,	*Midwifery.*
,,	R. M. Buchanan, M.B., C.M., Anderson's College Medical School, Glasgow,	*Medical Jurisprudence.*
,,	*George A. Gibson, M.A.*, Technical College, Glasgow,	*Mathematics.*
9 July, 1896,	*Alexander MacLay, B.Sc., C.E.*, Technical College, Glasgow, -	*Engineering Drawing and Design.*
12 Nov., 1896,	John Lindsay Steven, M.D., Glasgow,	*Practice of Medicine.*
,,	*Francis G. Baily, M.A.*, Heriot Watt College, Edinburgh,	*Physics and Electrical Engineering.*
11 Mar., 1897,	A. Campbell Clark, M.D., St. Mungo's College, Glasgow, and Lanark District Asylum, Hartwood,	*Mental Diseases.*
6 May, 1897,	Richard J. A. Berry, M.D., F.R.C.S.E., New School of Medicine, Edinburgh,	*Anatomy.*

And the ordinary Physicians and Surgeons of any General Hospital in the United Kingdom which accommodates not fewer than eighty patients, and possesses a distinct staff of Physicians and Surgeons. (See Ordinance No. 14, Section VII. (5).)

LIST OF INSTITUTIONS OR SCHOOLS.

List of Schools or Institutions recognized by the University Court of the University of Glasgow, for the purpose of Graduation in Medicine and Science, in terms of Ordinances of the Universities Commission (1889), the names of those recognized for Graduation in Science being printed in *italics*.

9 May, 1895,	University College, Dundee (Medical Department).
11 July, 1895,	*University College, Dundee.*
14 Nov., 1895,	London School of Medicine for Women, in respect of the following courses: *Chemistry (Systematic and Practical), Anatomy (Systematic and Practical), Physiology (Systematic and Practical), Practical Pharmacy, Practical Pathology, Medical Jurisprudence and Public Health, Clinical Surgery, Clinical Medicine, Practical Midwifery, Mental Diseases, Out-Practice or Dispensary and Vaccination.*

23 Mar., 1896,	OWEN'S COLLEGE, MANCHESTER.
,,	UNIVERSITY OF NEW ZEALAND. If a candidate for the First Professional Examination in this University has obtained a Degree in Science or in Arts in the University of New Zealand, granted after a course of study and an examination in Botany, Zoology, Physics, or Chemistry, such candidate is exempted from the examination in such subject or subjects. (Ordinance No. 54, Section IV.)
23 July, 1896,	UNIVERSITIES OF OXFORD, CAMBRIDGE, AND DUBLIN, AND THE FOUR INNS OF COURT, LONDON. The above are recognized for the purposes of Graduation in Law under Ordinance No. 39 [General No. 11.—Regulations for the Degree of Bachelor of Laws (LL.B.) and subject to Section II. thereof.
11 Mar., 1897,	GLASGOW EYE INFIRMARY.

APPENDIX III.

UNIVERSITY SOCIETIES.

GLASGOW UNIVERSITY UNION.

At a Meeting of Students and Graduates, held on the 14th day of February, 1885, it was unanimously resolved to establish a Glasgow University Union. A sum sufficient to erect a building for this purpose having been offered to the Senate by JOHN M'INTYRE, Esq., M.D., Odiham, Hampshire, and the Senate having accepted this gift, Articles of Constitution were drawn up by a Committee of Students and Graduates, and received the approval of the Senate, the Donor, and of the Students' Representative Council. A further sum of £12,000 was raised by the Union Bazaar of 1889, and devoted to furnishing and endowing the building. In 1893, to meet the increasing membership, the building was largely extended at a cost of £2800. The Union is governed by a Board of Directors, appointed by the Committee of Management which is elected annually at the General Meeting of the Members.

Objects.—The objects of the Union are to provide Students with the comforts and conveniences of a Social Club, to hold Debates, and to form a centre to which the various University Societies may be affiliated. The Buildings comprise a Debating Hall, a Dining Hall, Reading and News Rooms, Billiard and Smoking Rooms, Committee Rooms, Lavatories, etc.

Membership.—The Members of the Union are Ordinary Members or Life Members.

Ordinary membership of the Union is open to all matriculated Students and all former Students of the University, and all Medical Students of

Glasgow whose names are enrolled in the Extra-mural Album of the University, on payment of an Annual Subscription of Five Shillings. Students may join for the summer session only, on payment of Three Shillings.

All matriculated Students and former Students of the University may, on payment of the sum of Three Pounds Three Shillings, become Life Members of the Union.

President—John C. Monteith.
Vice-President—Prof. Coats, M.D.
Hon. Secretary—Anderson G. M'Kendrick, The Union.
Hon. Treasurer—F. A. Macquisten, B.L.
Assistant Secretary and Treasurer—C. P. Thomson.
Librarian—J. J. Bell.
Convener of Games Committee—W. Adam Burns.

Board of Directors—The Office-bearers; Jas. J. MacLehose, M.A., and A. J. Fleming, LL.B. (former students); J. J. Buchan, and D. C. Cameron (students).

Former Presidents of the Union.

1890.	John H. Harley, M.A.	1895 96.	Rev. J. A. Stokes Little, M.A.
1890–91.	Robert G. Bell, M.B.	1896-97.	W. Craig Henderson, M.A., B.Sc. (resigned Oct., 1896).
1891–92.	John Paterson, M.A., M.B.	1896-97.	A. M. Scott.
1892 93.	F. A. Macquisten, B.L.		
1893–94.	Joshua Ferguson, M.A., M.B.		
1894–95.	Joshua Ferguson, M.A., M.B.		

THEOLOGICAL SOCIETY.

The object of the Society is to discuss, by means of essays and debates, theological and ecclesiastical questions. The membership of the Society is open to all Students attending the Divinity Hall of the University; but all matriculated Students in faculties other than the Faculty of Divinity are eligible for extraordinary membership.

Honorary President—Rev. Professor Hastie, D.D.
President—A. M. Shand, M.A.
Vice-President—John S. Thomson.
Secretary—Donald Macleod, M.A., 1 Woodlands Terrace.
Treasurer—D. Preston, M.A.

Committee.

A. C. MacLean.
J. R. Macgregor.
Dugald Clark, M.A.
W. J. S. Miller, M.A.

(With two students of the first year in Divinity to be elected in November.)

MEDICO-CHIRURGICAL SOCIETY.

The principal business of the Society is the prosecution of Medical Research by Dissertations, Lantern and Microscopic Demonstrations, and Debates.

All Medical Students and Medical Men of one year's standing are eligible for Ordinary Membership, which may be obtained on payment of the Annual Subscription of One Shilling and Sixpence.

Meetings of the Society are held in the Union Buildings every Friday Evening during the Winter Session, at 7 o'clock.

Office-Bearers for 1897-98.

Honorary President—Professor John Yule Mackay, M.D.
President—William Duncan. *Vice-President*—William Webster.
Demonstrator—A. J. Ballantyne.

Secretaries.

Corresponding—D. S. Harvey, The Union.
Minute—K. M. Duncan.
Treasurer—A. D. Macnair. *Librarian*—E. P. Cathcart.

Committee.

John Henderson.
J. B. Miller.
Hugo Miller.
Jas. Scott, M.A.
James Davidson, M.A.
John P. Duncan.
R. Lauder.
T. Richmond, Jun.

(With two Students of the first year in Medicine to be elected in November.)

Books are given out at weekly meetings, or during the week on written application.

DIALECTIC SOCIETY.

The Society meets weekly during the Session for the discussion of Literary, Philosophical, and Political subjects.

All matriculated Students are eligible for Ordinary Membership, which is obtained by payment of the Annual Subscription of One Shilling.

Honorary President.

Richard Lodge, M.A., Professor of History.
President—John Middleton, M.A.

Vice-Presidents.

Senior—W. F. Smillie. *Junior*—John C. Monteith.

Secretaries.

Senior—J. R. M'Intosh. *Junior*—Ivy M'Kenzie, M.A.
Treasurer—James M. Black. *Macer*—Robert H. Begg.

General Board.

Joseph H. Menzies, M.A.
Richard R. Williams.
Thomas Jones.
Charles La Torre.
Semeon Skidelsky.
—— Ross, B.L.
Alexander W. Crum.
—— Smith.

GLASGOW UNIVERSITY ORIENTAL SOCIETY.

(Instituted 1880.)

The object of the Society is the study of the languages and literatures of the East.

All Students of Oriental languages are eligible for election to the membership.

The Society meets twice a year—in the months of April and October.

Office-Bearers.

President—Rev. Professor James Robertson, D.D.
Vice-President—Mr. R. B. Pattie, B.D.
Corresponding Secretary—Rev. James Young, B.D.
Recording Secretary—Rev. A. Cameron Watson, B.D.
Treasurer—Rev. Robert Gardner, B.D.

GLASGOW UNIVERSITY ALEXANDRIAN SOCIETY.

This Society was formed in January, 1887. It has for its chief object the discussion of questions connected with the Literatures of Ancient Greece and Rome. The membership is open to Members of the University. Any distinguished Scholar or any Member of the University of five years' standing, or any person officially connected with the University, is eligible for Honorary Membership.

Office-Bearers.

Honorary Presidents.

Professor G. G. Ramsay, LL.D. | Professor G. G. A. Murray, M.A.
Professor A. C. Bradley, M.A.

President—John Brown, M.A.
Vice-Presidents—R. M. Burrows, M.A., and R. D. Bell.
Secretary—A. Fraser, Larchgrove, Shettleston.
Treasurer—W. H. Begg.

Committee.

C. H. Dick.
J. L. Morison.
P. W. Monie, M.A.
J. Gillies.
Miss M. Atkinson.
Miss C. Tannahill.

GLASGOW UNIVERSITY PHILOSOPHICAL SOCIETY.

(Instituted 1887.)

This Society was instituted for the promotion of Philosophical Discussion and Investigation. It meets on Wednesday Evenings at Eight o'clock during the Winter Session, in the Union. Ordinary Membership is open to all Students who have attended or are attending Philosophical Classes in any University. The annual subscription is one shilling for those who are members of the Union, and one shilling and sixpence for those who are not.

Office-Bearers for Session 1897-98.

Honorary Presidents.

Principal Caird,
Professor A. C. Bradley,
Professor Jones,
Professor Adamson,
} *Ex Officiis.*

R. B. Haldane, Q.C., M.P.

President—J. Scoular Thomson.
Vice-President—Archibald Main.
Secretary—H. R. Buchanan.
Treasurer—M. Babington.

Members of Committee.

Miss H. M. Rule.
W. Y. Saull.
N. D. Smith, M.A.
H. N. Brailsford, M.A.
C. H. Dyer.

GLASGOW UNIVERSITY ENGINEERING SOCIETY.

(Instituted 1891.)

The objects of this Society are the promotion of the study of Engineering and the diffusion of Engineering information among the members, by the reading of papers, by discussions, by visits to Engineering works in progress, and by such other means as the Society shall approve.

The membership is open to all past and present Students of the University.

Office-Bearers for Session 1897-98.

Honorary President—Professor Archibald Barr, D.Sc., M. Inst. C.E.
President—H. C. Sadler, B.Sc.

Vice-Presidents.

Engineering—
Lewis A. Smart.

Naval Architecture—
W. B. Chapman.

Hon. Secretaries—J. W. French, 1 Kelvinside Terrace, W.
J. N. Dawe, The Union.

Treasurer—W. G. Strang, 8 Kyle Park, Uddingston.

Committee.

Engineering—
William Muirhead.
H. N. E. Fisher.
Campbell Houston.

Naval Architecture—
G. Howson.
J. Glen.

GLASGOW UNIVERSITY PHYSICAL SOCIETY.

This Society was founded in 1884 "for the discussion of scientific subjects in general, and the diffusion of scientific information among its members, by special communications, and any other means which the Society may from time to time approve."

Meetings are held at regular intervals during the Winter Session, usually on every alternate Friday at 8 P.M. The syllabus for the year is issued in autumn, and may be had from the Secretary after the commencement of the Winter Session.

All past and present students of the University who are interested in Natural Science and Philosophy are eligible for membership. The subscription for the ensuing year has been fixed at One Shilling.

The Office-Bearers are :—

Honorary President—Lord Kelvin, G.C.V.O., F.R.S.
President—J. T. Bottomley, M.A., D.Sc., F.R.S., F.C.S.

Vice-President—Magnus Maclean, M.A., D.Sc., F.R.S.E.

Secretary and Treasurer—Alexander Galt, B.Sc., F.R.S.E.

Letters should be addressed to the Secretary of the Society at the Physical Laboratory.

GLASGOW UNIVERSITY ECONOMIC SOCIETY.

The object of the Society is the promotion of the study of Economics amongst its members by means of essays and debates. Membership is open to all past and present students of the University, and to such others as shall be formally introduced. The meetings will probably be held in the Union at 8 o'clock every Thursday evening during the winter session.

Honorary President—Professor Wm. Smart, LL.D., D.Phil.

President—W. M. Wightman.

Vice-President—R. A. Burr.

Secretary—Malcolm MacLucas, Rosebank, Cambuslang.

Treasurer—Constance Tannahill.

GLASGOW UNIVERSITY MISSIONARY SOCIETY.

(Instituted 1821.)

Office-Bearers for 1897-98.

Honorary President—Rev. Pearson M'Adam Muir, D.D.

President—Arthur Stanley Middleton, M.A.

Vice-President—John S. Thomson.

Superintendents of Home Missions—A. C. Maclean. / Dugald Clark, M.A.

Senior Secretary—Alexander Robertson, Brewland Street, Galston.

Junior Secretary—J. A. C. Mackellar, M.A., 461 St. Vincent Street, Glasgow.

Librarian—James D. Mitchell, M.A.

Treasurers—J. R. Macgregor. / David Preston, M.A.

Members of Committee.

From Theology—
- David F. Liddle, M.A.
- James M'David.
- Joseph Campbell.
- Coll A. Macdonald, M.A.
- Archibald Hunter, M.A.
- Munro Somerville, M.A.

From Arts—
- R. Marcus Dickson, M.A.
- A. P. S. Tulloch.
- Robert Pryde.

From Law—
- A. H. Charteris, M.A.

From Medicine—
- James Dickie.

Home Missionary—Rev. Horace J. Dick.

GLASGOW UNIVERSITY CHRISTIAN ASSOCIATION.

The object of this Society is the promotion of religious life and fellowship in the University.

The headquarters of the Association are at 22 Bank Street, where there are carried on a weekly Fellowship meeting and daily Prayer meetings. Other features of the work are:—The issue of a Handbook at the beginning of each winter session to all new students, Bible reading circles, deputations to Evangelistic meetings. The weekly meeting is held on Thursday at 3 P.M.

Office-Bearers.

Hon. President—Professor William Hastie, D.D.
Hon. Vice-President—James M'Cash, M.B., C.M.
President—R. R. Williams.
Vice-President—George T. Maclean, M.A.
Secretary—Gordon B. Nielson, Viewbank, Bothwell.
Assist.-Secretary and Deputation Secretary—Archibald Main.
Treasurer—Eric D. Gairdner.
Assist.-Treasurer—James Dinwoodie.

Committee.

William Dick.
Frank A. Innes.
Tom Jones.
Alex. D. Lindsay.
Donald Mackay.
Thomas Rodger.

THE FABIAN SOCIETY—GLASGOW UNIVERSITY BRANCH.

(Established March, 1896.)

The Fabian Society consists of Socialists. Members of the University interested in social reform, but unable to subscribe to the Fabian basis, may become associates and enjoy the full privileges of membership, except the right to vote and to hold office, on payment of the ordinary subscription of Eighteenpence.

Officers for Session 1897-98.

Honorary President—Sidney Webb, LL.B.
President—Ronald M. Burrows, M.A.
Vice-President—H. N. Brailsford, M.A.
Secretary—J. E. S. Otty, The Union.
Treasurer—J. M. Ramsay, M.A., 10 Possil Road, Glasgow.
Librarian—Alex. Robertson.

Committee.

Isabella Blacklock, M.A.
William Boyd, M.A.
Tom Jones.
Norman M. Leys.

GLASGOW UNIVERSITY TOTAL ABSTINENCE SOCIETY.

The object of this Society is to unite the abstaining students in the University, and to promote the cause of Total Abstinence. This work it accomplishes among the students by means of lectures, sermons, etc., while, outside the University, it carries on a successful Temperance Mission Work.

Office-Bearers for 1897-98.

Honorary President—Professor G. G. A. Murray, M.A.

Honorary Vice-Presidents.

A. Cameron Corbett, M.P.
W. Snodgrass, M.A., M.B., C.M.
Geo. A. Gibson, M.A.

President—A. S. Wells, M.A.

Vice-President—G. B. Nielson.

Secretary—C. A. Gourlay, M.A., Linden Lodge, Dowanhill.

Treasurer—M. Aikman, M.A.

Committee.

Arts—
- Alex. Laurie.
- J. Copland.
- R. Wells.
- J. W. M'Cutcheon.

Divinity—
- D. Swan, M.A.

Medicine—
- D. W. Smith.
- C. Cuthbert, M.A.
- G. T. Maclean, M.A.

From Queen Margaret College—Misses Poulter, M. E. M'Neil, Kelly, Morrison.

GLASGOW UNIVERSITY OSSIANIC SOCIETY.

(Instituted 1828.)

The object of the Society is the discussion of subjects bearing on the language, literature, and customs of the Highlands. It meets in the Union on Saturday evenings at seven during the winter session. The business of the Society is conducted in Gaelic at every alternate meeting. Ordinary membership is open to all students interested in the Highlands.

Office-Bearers for Session 1897-98.

Honorary President—Alex. MacBain, M.A., F.E.I.S., F.S.A.Scot.

President—Dugald Clark, M.A.

Vice-President—Andrew C. Maclean.

Secretary—Neil MacColl.

Assistant-Secretary—Hugh S. Maclean.

Treasurer—Archibald Anderson, M.A.

Bard—Donald J. Robertson.

Representative to Union—John A. MacCormick, M.A.

Members of Committee.

Miss Hannah.
Miss Campbell.
Andrew Macfarlane.
Walter Shaw.
R. R. Strachan, M.A.

GLASGOW UNIVERSITY ATHLETIC CLUB.

Honorary President—Professor Adamson, LL.D.

President—D. S. Harvey.

Vice-President—A. Robin.

Hon. Secretary and Treasurer—A. D. D. Crawford, 183 West George Street, Glasgow.

General Committee (including Office-Bearers).

J. Lunn.
R. D. Campbell.
F. R. Stewart, M.A.
J. H. Grieve, B.Sc.

Sub-Committees.

Rugby Football.

D. S. Harvey.
G. S. Douglas.
W. F. Macewen.
J. Harvey.
A. Robin, Students' Union, *Hon. Sec.*

Tennis.

A. Steel.
H. Lamond.
D. S. Harvey.
R. M. Burrows, M.A.
Selby MacFarlane, Students' Union, *Hon. Sec.*

Fives.

J. G. Allan.
A. Robin.
D. S. Harvey.
J. Ross.
G. L. Le Fevre.
K. O. Macleod, *Hon. Sec.*

Golf.

J. Stewart Carrick.
Stuart Foulis.
M. P. Fraser, LL.B.
Warren Crosbie, B.L.
A. D. D. Crawford, 183 West George Street, *Hon. Sec.*

The object of the Club is the promotion of all forms of Athletic exercise. The Membership is confined to present and past Students of the University. The affairs of the Club are managed by a General Committee and Sub-Committees, one for each form of Athletic exercise. The General Committee are entrusted with the management of all matters concerning the Field, Pavilion, Annual Games, etc. The Sub-Committees are entrusted with the arrangements for each special form of exercise, subject always to the approval of the General Committee. The Annual Subscription to the Club is 2s. 6d., with a further Subscription for each form of exercise. None but Members of the Club are entitled to play any game under charge of any Sub-Committee.

The Annual General Meeting is held on the first Friday in November. Special Meetings are held when required.

GLASGOW UNIVERSITY UNITED PRESBYTERIAN STUDENTS' SOCIETY.

Honorary President—Rev. D. W. Forrest, M.A.
President—J. W. Patrick, M.A.
Vice-President—William Scott.
Secretary—Thomas M. Smith, Arcadia, Dunoon.
Treasurer—John Copeland.

Committee.

J. Dinwoodie, W. Hutson, W. S. Rutherford, W. G. Walker, and another to be elected in November.

This Society meets every Saturday at 10 a.m., in the Hall of Woodlands Road U.P. Church.

The objects of the Society are the promotion of social intercourse and the furtherance of moral and intellectual culture among its members.

All Students attending the University in any Faculty, who are connected with the United Presbyterian Church, are eligible for membership, which is obtained by the payment of the annual subscription of One Shilling. Students not connected with the United Presbyterian Church may become Associates.

GLASGOW UNIVERSITY RIFLE CLUB.

President—The Very Rev. Principal Caird, D.D., LL.D.
Vice-Presidents—Professor Murray and Colonel James A. Reid.
Team Captain—T. Eaton Robinson (Captain 1st Lanark R.V.), 285 George Street, Glasgow.
Vice-Captain—R. Carswell (Lieutenant 1st Lanark R.V.).
Secretary and Treasurer—John Coats, 160 Hope Street, Glasgow (Captain 3rd V.B.H.L.I.).

Committee—A. H. Donald (Hon. Major 1st L.R.V.), T. W. Cuthbertson, M.A. (Captain 4th V.B.S.R.), J. Campbell (Captain 3rd V.B.A. and S.H.), J. C. Paterson, S. M. Sloan, and George Douglas.

Its objects shall be to promote rifle shooting among students and ex-students of Glasgow University, and to provide the means of having Glasgow University well represented in the annual match for the Inter-University Trophy.

All students and ex-students of Glasgow University shall be eligible as Patrons and Ordinary Members. All persons officially connected with the University shall be eligible as Patrons. Both classes of Members may take part in the competitions.

All persons, eligible as above, subscribing 10s. or upwards annually, shall be *ipso facto* Patrons. The subscription for Ordinary Members shall be 5s. for ex-students, and 2s. 6d. for present students, all payable by 1st March annually. These annual subscriptions may be commuted by a present payment of £3 3s., entitling the person paying to become a Life Patron.

THE UNIVERSITY CLUB, GLASGOW, 202 BATH STREET.

The Club is instituted for the association of gentlemen connected with the universities of the United Kingdom or with foreign universities.

The following persons are eligible for admission into the Club as ordinary members:—(1) Graduates and *alumni* of any recognized university in the United Kingdom or abroad; (2) Professors, and persons holding any honorary office in connection with a university; (3) Persons who, though not possessed of any of the above qualifications, have, in the judgment of the Committee, other equivalent qualifications; and (4) Persons without University qualification, not exceeding in number one-third of the membership.

The entry-money is £3 3s., and the annual subscription for a member having a residence or place of business within five miles of Glasgow Royal Exchange, is £3 3s., and for a member having neither a residence nor place of business within that distance, £1 11s. 6d. Graduates or *alumni* of two years' standing are admitted free of entry-money, if joining within a year of graduation or leaving College.

Members joining on and after 1st July in any year pay one-half subscription for that year, and on and after 1st December members are admitted for the succeeding year, having the use of the Club during December in addition.

Committee for 1897.

Professor Joseph Coats, M.D., *Chairman of the Club.*

James D. Roberton.
R. E. Smith, C.A.
James Fleming, LL.B.
George Marshall, M.B., C.M.
Thomas Binnie, Jun., M.A.
Alan D. Ker.
J. A. Brown.
John Clark, Ph.D.
Stuart Foulis.
Professor Henry Jones, LL.D.
James M'Callum.
Charles E. Beckett, LL.B.
J. H. Nicoll, M.B., C.M.
George S. Middleton, M.D.
James Hinshelwood, M.D.
Walter W. Blackie, B.Sc.
Hugh Hutcheson, B.L.
Charles J. MacLean.
A. G. Moore, B.Sc.
T. M. Morrison, M.A.

Secretary and Treasurer—Thomas M. Stewart, LL.B., 173 St. Vincent Street, Glasgow.

Full particulars as to membership, etc., may be obtained on application to the Secretary.

GLASGOW UNIVERSITY CLUB, LONDON.

The objects of the Club are to maintain good fellowship among its members and to promote the interests of the University of Glasgow and of higher education in connection therewith.

Graduates, and all who are or have been students of the University of Glasgow, or officially connected with it, are eligible for membership.

Office-Bearers for 1897-98.

President—Lord Kelvin, F.R.S., D.C.L., LL.D.

Vice-Presidents—

James Bryce, Esq., D.C.L., M.P.
Lord Lister, D.C.L., *P*.R.S.
Professor Jack, LL.D.
Canon Ainger, LL.D.
W. Q. Orchardson, Esq., R.A.
Lord Shand, D.C.L., LL.D.
Lord Watson, LL.D.

Council—

Rev. P. H. Aitken, B.D.
Dr. Brisbane.
Sir John N. Cuthbertson, LL.D.
G. F. Deacon, Esq.
Rev. G. P. Gould, M.A.
Dr. G. A. Heron, F.R.C.P.
Dr. Arthur Jamison.
Professor W. Paton Ker.
J. R. M'Ilraith, Esq., LL.B.
A. S. Stevenson, Esq.
J. J. Stevenson, Esq.
J. H. T. Tudsbery, Esq., D.Sc.

Honorary Treasurer—Professor John M. Thomson, F.C.S., King's College, London.

Honorary Secretaries—

Norman M. MacLehose, Esq., M.B., C.M., 13 Queen Anne Street, Cavendish Square, W.
James M. Dodds, Esq., M.A., Dover House, Whitehall, S.W.

INDEX.

NOTE.—Bursaries, Scholarships (including Exhibitions and Fellowships), and Prizes will be found grouped under these headings respectively.

Academical Year, 150
Agriculture—*see Degrees in Science*
Anatomy, Course in, 85
——, Class Certificates of Merit, 396, 411
——, Passes in, 360
——, Examination Questions in, 511, 513
Apologetics, Examination Questions in, 527
Arabic—*see Hebrew*
Architecture, Naval, including Marine Engineering—*see Naval Architecture*
Army, Examination for, 48, 374
Arnott and Thomson Demonstratorship, 40, 117
Arts, Faculty of, 38, 50, 53, 58, 123, 150, 157, 166, 175, 223, 228, 322, 333, 346, 402
——, Degree in—*see Degrees*
——, Masters of, 1896-97, 352
——, Preliminary Examinations in, 147, 151, 374, 414
——, ——, Pass List, 374
Assessors, 17, 34, 35
Assistants, University, 20, 40
Astronomy, Course in, 74
——, Degree Subjects, 173
——, Passes in, 364
——, Class Prize List, 402
——, Examination Questions in, 486, 497

Bachelor of Surgery, 192, 196
Bachelors of Divinity, 1896-97, 348
Bachelors of Laws, 1896-97, 348
—— of Law, 1896-97, 348
—— of Medicine, 1896-97, 350
—— of Science, 1896-97, 351
Bacteriology, 90
Baxter Demonstratorship in Geology, 40, 119
Biblical Criticism—*see Divinity and Biblical Criticism*
Blackstone Medals, 313, 406, 407
Boards of Studies, 39, 161, 177, 197
Botanic Garden, 146
Botany, Course in, 81
——, Class Certificates of Merit, 398, 410
——, Degree Subjects, 173
——, Passes in, 358, 373
——, Examination Questions in, 509
——, Vacation Exercises, 536
Bursaries—*Regulations*, 223 – 287
  Adam, James, 230
  Adam, John, 230, 327
  Adamson, 231, 331
  Angus and Mearns Ben. Soc., 231
  Ardkinglass, 231, 331
  Armagh, 232, 325

Bursaries—
  Arthur, 232
  Ayrshire Masonic, 233
  Ayrshire Society, 233
  Barbour Kilbarchan, 233, 322
  Biggart Memorial, 234, 322
  Black, 234, 327
  Blackquarry School, 235, 322
  Boyd and Sanders, 235
  Boyd and Wilson, 235, 331
  Brand, 236, 322
  Brisbane, 236
  Brown—*see Crawfurd*
  Brown or Ettles, 237, 328
  Brown, Ebenezer, 237
  Browne (Ayrshire), 237
  Brown-Paton, 237, 322
  Buchanan, 238, 322
  Buchanan (Bellfield), 238, 322
  Buchanan Society, 238
  Celtic Society (Campbell), 239
  Clark, John (Mile-end), 239, 322
  Cowan, 240, 322
  Craig, Archibald, 241, 322
  Craig, 241
  Crawfurd and Brown, 241
  Davidson, 242, 322
  Denny, 242, 322
  Dumfriesshire Society, 243
  Duncan's Bute, 243, 323
  Dundonald, 244, 331
  Elder, 244
  Ewing, James, 245, 323
  Exchequer—*see King William's*
  Ferguson, James, 245, 324
  Forfar, 246, 322
  Forrest, 247
  Foundation, 247, 322
  Fullarton of Overton, 248, 323
  Gartmore, 248
  General Council, 249, 322
  Gibson, John, 249, 331
  Gibson, Dr. Thomas, 250
  Gilchrist—*see Howison*
  Gilhagie and Struthers, 250
  Glasgow City Educational Endowments, 251, 323
  Grant, George, 251
  Grant, George, Junior, 251
  Hamilton, 252, 331
  Hamilton Educational Trust, 252, 323
  Hannay, 253, 323
  Hastie, 253, 328

Bursaries—
  Highland Society, 254, 323, 330
  Howison and Gilchrist, 255
  Hutchesons' Educational Trust, 255, 323
  Hutcheson, Thomas, 256
  Hyndford and Ross, 256, 331
  Jaffrey, John Ferguson, 256, 324
  Kerr, Malcolm, 257, 324, 327
  King William's, 286, 322, 328
  Kintyre (Ker), 257
  Kintyre (Love), 258
  Laing, Alexander, 258
  Laing, James, 259, 323
  Lamb, 259, 331
  Leadbetter, 259
  Leighton, 260
  Leyden, John, 260
  Lochhead, James, 260, 323
  Lochhead and Mitchell, 260
  Logan, 261, 330
  Lorimer, 261, 324, 327, 328, 330
  Lumsden, 263, 331
  Lusk, 263, 323
  Macarthur, 263
  M'Crie, 264
  M'Culloch, James Melville, 264
  Macdonald, 265
  MacDougall, 265
  M'Ewen, Malcolm, 265
  Macfarlane, James, 266, 328
  Macfarlane, John, 266
  Macfarlane, Robert, 267
  MacGrouther, 267
  M'Kechnie, 268
  Mackintosh, 267, 330, 400
  Maitland Club, 268
  Marshall, 268
  Marshall Trust, 269, 323
  Menzies, 269
  Merchants' House, 270
  Metcalfe, 271, 327
  Monteith, 271, 324
  Monteith, John, 271, 330
  Morgan, 272
  Muir, 272, 324, 327, 328
  Muir Divinity, 274, 328
  Notman, 275
  Park General Council, 249, 324
  Paterson, James, 275
  Paterson, James Alexander, 275, 324, 330
  Patrick, 276, 323
  Perthshire Society, 277, 323
  Pollock, 277, 323
  Rainy, 278, 330
  Ramsay-Walker, 279
  Ross—*see Hyndford*
  Ross, John, Junior, 279
  Scott, 279
  Shearer, 280
  Shipwrights' Company, 280, 327
  Smith, 281, 331
  Stevenson of Dalry, 281
  Stewart, 281
  Stillie, 282
  Strang, 282, 327

Bursaries—
  Struthers—*see Gilhagie*
  Taylor, 283, 322
  Thomson, James, Philosophical, 283
  Walkinshaw-Young, 284
  Walton, 284
  Weir, Andrew, 284, 330
  Whyte, William, 285, 323
  Williams, 286, 331
  Wilsone—*see Boyd*
  Young, George, 287, 327
  Young's Fund (Major), 287, 324, 329
Bursaries, Competition, 1897-98, 321
Bursaries, Competition, Examination Questions for 1896, 414
Bursaries, Competition, List of distinguished Competitors in 1896, 383
Bursaries, Patronage, 331
Bursars, Class attendance of, 227, 228

Calendar, University, 7 - 16
Celtic Lectureship, 121
Chaldee—*see Hebrew*
Chancellor, 17, 30
Chapel, 46
Chemistry, Course in, 83
——, Class Certificates of Merit, 398, 410
——, M.A. Degree Subjects, 173
——, Passes in, 358, 363, 372
——, Examination Questions in, 509
Children, Diseases of, 100, 124
Church History—*see Ecclesiastical History*
Civil Engineering and Mechanics, Course in, 76
——, Passes in, 363
——, Class Prize List, 401
Civil Law—*see Law, Civil*
Class Prizes, 385
Classes, Programme of, 1898, 53
——, ——, 1897-98, 50, 123
Classes, Separate Faculties and, 50, 58
Classical Literature, Certificates in Department of, 1896-97, 365
Classics, Group of, 464
Clinical Lectures, 56, 92, 96
Clinical Medicine, 96
Clinical Surgery, 92
Comitia, 29
Constitutional Law—*see Law*
Conveyancing, Course in, 105
——, Degree Subjects, 213
——, Passes in, 355, 357
——, Class Prize List, 388
——, Examination Questions in, 519
Council, General, 41
——, ——, Members of, 1897, 558
Court, University, 17, 34
——, ——, Proceedings of, 1896-97, 537–550
Dean of Faculties, 17, 33
Deans of the Faculties, 19, 38

Degree and Prize List, 1896-97, 347
Degrees Conferred, 1896-97, 347
——, Departmental Certificates, 364, 365
——, Examination Questions for, 466
—— in Arts (M.A.), *Regulations*, 147, 150, 157

Degrees in Arts, Subjects of Examination for, 166—174
——, Table of Examinations for M.A., 175
—— in Divinity (B.D.), *Regulations*, 216
——, Table of Examinations for B.D., 219
—— (D.D.), *Regulations*, 220
—— in Law (LL.B. and B.L.), *Regulations*, 208, 211
—— ——, Table of Examinations for, 215
—— (LL.D.), *Regulations*, 220
—— in Medicine and Surgery, *Regulations*, 191
—— ——, Table of Examinations for, 207
—— in Science (B.Sc.), *Regulations*, 176, 179, 183
—— —— (D.Sc.), *Regulations*, 179, 182, 188
—— ——, Table of Examinations for B.Sc., 187
——, Examiners for, 21, 40, 148, 205, 216
Degrees, Higher, 188
Degrees, Honorary, 220
——, ——, Conferred, 1896-97, 347
Demonstrators, 20, 40
Demonstratorships, 117
Departmental Certificates, 354
Departments of Study in Arts, 58, 159
Divinity, Course in, 114
—— Class Prize List, 385
——, Examination Questions in, 528
——, Degrees in—*see Degrees*
——, Faculty of—*see Theology*
Divinity and Biblical Criticism, Course in, 116
—— Class Prize List, 385
——, Examination Questions in, 527, 530
Divinity Hall, Course of Attendance at, 110
Doctors of Divinity, 1896-97, 347
—— Laws, 1896-97, 347, 348
—— Medicine, 1896-97, 349
—— Philosophy, 1896-97, 352
—— Science, 1896-97, 351
Drawing, Examination Questions in, 496
Dress, Academic, 45, 221
Dynamics, Examination Questions in, 433

Ear, Diseases of the, 98, 400
Ecclesiastical History, Course in, 116
—— Class Prize List, 387
——, Examination Questions in, 529
Education, Course in, 68
——, Degree Subjects, 69, 172
——, Class Prize Lists, 405, 409
——, Examination Questions in, 456
——, Passes in, 371
Electricity, Pure and Applied, Course in, 74
——, ——, Examination Questions in, 499
——, ——, Pass in, 365
——, ——, Certificates in, 402
Elocution, Teachers of, 112
Embryology, 86, 397, 411
Engineering Science, Certificates in, 186
——, Degrees in, 179
Engineering, Naval Architecture, and Marine—*see Naval Architecture*
Engineering, Examination Questions in, 493
English Language and Literature, Course in, 63, 125
—— Class Prize Lists, 404, 408
——, Group of, 477
——, Degree Subjects, 168
——, Passes in, 355, 363, 367
——, Vacation Reading, 535
English, Examination Questions in, 414, 440, 477, 504
Examinations in Arts and Science, Preliminary, 151
—— Medicine, Preliminary, 192
—— ——, Pass Lists, 374, 382
—— for Candidates for the Army, 48, 374
—— for Degrees, 155, 175, 187, 207, 215, 219
Examination Questions for Bursary and Preliminary Examination in Arts and Science, 414
—— —— for B.D., 525—530
—— —— for Degrees in Law, 517—525
—— —— for Degrees of M.B. and C.M., 504—517
—— —— for Degrees in Science, 486—504
—— —— for M.A., 436—486
—— —— for Snell Exhibitions, 464
—— —— for Medical Preliminary, 504
—— —— for Historical Prizes, 531
Examiners for Degrees, 21, 40, 148, 205, 216
——, Preliminary, 22, 147
Exegesis, New Testament, Examination Questions in, 527
Exhibitions—*see under Scholarships*
Extra-Academical Teaching, *Regulations*, Appendix II.
—— ——, *List of Teachers*, Appendix II.
Eye, Diseases of the, Course in, 98

Factors, University, 23
Faculties, 38
Faculties and Classes, Separate, 50, 58
Faculty of College, 29
Fees, Class, 50, 123, 556
——, Enrolment, 48
——, Entrance, 48
——, Examination and Graduation, 48, 205
——, Library, 49
——, Matriculation, 48
——, Registration, 50
Fellowships—*see under Scholarships*
Fevers, 98
Financial Statement for 1895-96, 551—557
Forensic Medicine, Course in, 91, 106
——, Degree Subjects, 214
——, Certificates of Merit, 390, 413
——, Passes in, 356, 357
French, Course in, 64, 126
——, Degree Subjects, 169, 212
——, Passes in, 368
——, Examination Questions in, 429, 443, 506

General Council, 41
General Council, Members of, 1897, 558—607
Geodesy, Passes in, 363
Geology—*see Natural History*
——, Degree Subjects, 174

Geology, Examination Questions in, 499
——, Passes in, 363, 373
German, Course in, 126
——, Degree Subjects, 170, 212
——, Examination Questions in, 431, 446, 507
——, Passes in, 368
Gifford Lectureship, 121
Glasgow and West of Scotland Technical College, 180, 184
Gown, Academical, 46, 221
Graduates in Arts, 1896-97, 352
—— Divinity, —, 347, 348
—— Law, —, 347, 348
—— Medicine, —, 349, 350
—— in Science, —, 351
Graduation in the several Faculties, 147
——, Ceremony of, 206, 222
Graduation Fees—*see Fees*
—— Terms, 206
Greek, Course in, 61
—— Class Prize List, 406, 408
——, Degree Subjects, 167
——, Passes in, 357, 367
——, Examination Questions in, 420, 438, 467
——, Vacation Exercises, 535
——, New Testament, 117
Gymnasium, 47
Gynaecology—*see Women, Diseases of*

Hebrew and Semitic Languages, Course in, 114
——, Class Prize List, 386
——, Degree Subjects for M.A., 171
——, —— for B.D., 216
——, Examination Questions in, 434, 450, 525
——, Passes in, 368
——, Vacation Exercises, 534
Herbarium, 81
Higher Degrees, 188, 351, 352
History, Course in, 72
——, Class Prize List, 405, 409
——, Degree Subjects in, 174
——, Examination Questions in, 462
——, Passes in, 373
History and Law, Department of, 72, 159, 373, 462
History, Ecclesiastical—*see Ecclesiastical History*
——, Natural—*see Natural History*
Honour List, 333—346
Honyman Gillespie Lectureship, 82
Hoods—*see Dress*
Hospital—*see Infirmary*
Humanity, Course in, 58
——, Degree Subjects, 166
—— Class Prize List, 407, 408
—— Vacation Exercises, 535
Hunterian Museum, 144

Infirmary, Eye, 57
——, Royal, 57, 124
——, Western, [illegible]
Insanity, 57, 97, 400, 413

Joint Board of Examiners, 22, 149
Jurisdictio Ordinaria, Court of, 29
Jurisprudence, Course in, 108
——, Degree Subjects in, 214
——, Passes in, 356
——, Examination Questions in, 523

Language and Literature, Department of, 58, 159, 366, 436
Latin—*see Humanity*
——, Degree Subjects, 166
——, Examination Questions in, 417, 436, 464
——, Passes in, 355, 357, 366, 374
Law, Degrees in—*see Degrees*
——, Faculty of, 38, 53, 55, 100, 208, 227, 329, 387, 517
——, Civil, Course in, 106
——, ——, Degree Subjects, 174, 213
——, ——, Passes in, 354, 355, 356, 373
——, ——, Examination Questions in, 517
——, ——, Class Prize List, 389
Law, Constitutional, and History, Course in, 73, 107
——, ——, Degree Subjects, 174, 214
——, ——, Passes in, 355, 356, 357, 373
——, ——, Examination Questions in, 524
——, ——, Class Prize List, 389
——, International Private, 109
——, ——, Degree Subjects, 214
——, ——, Passes in, 357
——, ——, Class Prize List, 389
——, ——, Examination Questions in, 522
——, Mercantile, Course in, 110
——, ——, Degree Subjects in, 214
——, ——, Class Prize List, 389
——, Philosophy of, Course in, 108
——, ——, Degree Subjects, 173, 214
——, ——, Examination Questions in, 523
——, Public International, Course in, 109
——, ——, Degree Subjects, 174, 214
——, ——, Passes in, 355, 356, 374
——, ——, Examination Questions in, 521
——, ——, Class Prize List, 389
——, Roman—*see Civil Law*
——, Scots, Course in, 104
——, ——, Degree Subjects, 213
——, ——, Passes in, 354, 355, 356, 357
——, ——, Class Prize List, 387
——, ——, Examination Questions in, 518
Leaving Certificates, 156
Lecturers, 19, 38
—— Extra-Academical, Appendix II.
Letters, Doctor of—*see Higher Degrees*
Library, Divinity Hall, 144
——, University, *Regulations*, 131
——, ——, Catalogues, 135
——, ——, Donations to, 137
Literature, English Language and—*see English Language and Literature*
Logic and Rhetoric, Course in, 65, 127
——, Passes in, 356, 369
—— Class Prize List, 404, 409
——, Degree Subjects, 171
——, Examination Questions in, 452, [illegible]
——, Vacation Exercises, 534

M'Callum Celtic Lectureship—*see Celtic*
Marine Engineering—*see Naval Architecture*
Masters of Arts, 1896-97, 352
—— in Surgery, 1896-97, 350
Materia Medica, Course in, 88
——, Practical, 88
—— Class Certificates of Merit, 391, 412
——, Examination Questions in, 512, 513
——, Passes in, 360
Mathematics, Course in, 69
——, Degree Subjects, 173
——, Passes in, 363, 371
——, Certificates in Department of, 365
—— Class Prize Lists, 402, 409
——, Examination Questions in, 423, 457, 471, 489
Mathematics and Natural Philosophy, Group of, 471
Matriculation Fees, 45, 48
Mechanics—*see Civil Engineering*
Medal, University, 320, 331
Medals (Gold)—Cleland, 312, 403
——, ——, Cleland and Rae Wilson, 312, 385, 386, 387
——, —— Cowan, 313, 406, 407
——, —— Cunninghame, 313, 402
——, —— Dobbie-Smith, 314, 332
——, —— Ewing, 315, 332, 384
——, —— Gartmore, 315, 331
——, —— Jeffrey, 316, 406
——, —— Livingstone, 317, 331
——, —— Logan (Thomas) Memorial, 317, 325, 346, 384
——, —— Scott-Macfarlan, 320, 406
—— (Medical), 390—399
Medical, Preliminary, 155, 192
—— Jurisprudence, Passes in, 356, 357, 361
—— ——, Degree Subjects in, 214
—— ——, Examination Questions in, 514, 516, 525
Medical Students, Registration of, 192
Medicine, Bachelors of, 1896-97, 350
Medicine, Doctors of, 1896-97, 349
Medicine, Faculty of, 38, 52, 54, 80, 123, 124, 147, 148, 191, 227, 330, 331, 342, 358, 390
Medicine, Clinical, Course in, 96
——, ——, Class Certificates of Merit, 392, 393
Medicine, Graduation in—*see Degrees*
Medicine, Institutes of—*see Physiology*
——, Practice of, Course in, 93
——, ——, Class Certificates of Merit, 392, 413
——, ——, Examination Questions in, 515
Member of Parliament, 17, 43
Mental Philosophy, Department of, 65, 159, 369, 452
——, Certificates in, 1896-97, 365, 369
——, Group of, 469
Mercantile Law—*see Law, Mercantile*
Metaphysics, 65
Midwifery, Course in, 97
—— Class Certificates of Merit, 391, 413
——, Examination Questions in, 515
Moral Philosophy, Course in, 66, 127
——, Degree Subjects, 172
——, Passes in, 355, 357, 370
Moral Philosophy, Class Prize Lists, 403, 409
——, Examination Questions in, 454, 470
——, Vacation Exercises, 534
Muirhead Demonstratorship of Physiology, 40, 118
Museum, Hunterian, 144
——, ——, Keeper of, 23, 144
——, ——, Donations to, 145

Nations, Matriculated Students divided into, 31
Natural History, Course in, 82
—— Class Certificates of Merit, 397, 410
——, Examination Questions in, 510
Natural Philosophy, Course in, 70, 128
——, Degree Subjects, 173
——, Passes in, 363, 372
——, Class Prize Lists, 403, 409
——, Examination Questions in, 459, 474, 491
Natural Theology—*see Gifford Lectureship*
Naval Architecture and Marine Engineering, Course in, 79
——, Prize List, 402
——, Examination Questions in, 500
Nose—*see Throat*

Oath at Medical Graduation, 206
Observatory, 75
Obstetrics—*see Midwifery*
Officers, University, 17
Ophthalmology, 199, 413
Out-Door Visitation, 57

Pædagogium, 26
Parliament, Representative in, 17, 43
Pastoral Training—*see Divinity*
Pathology, Course in, 89
—— Class Certificates of Merit, 399, 412
——, Examination Questions in, 513, 516
——, Passes in, 361
Pharmacy—*see Materia Medica*
Philosophy, Doctor of—*see Higher Degrees*
Philosophy, Mental—*see Mental Philosophy*
——, Moral—*see Moral Philosophy*
——, Natural—*see Natural Philosophy*
Physic, Practice of—*see Medicine, Practice of*
Physics, Course in, 82, 128
——, Class Certificates of Merit, 399, 410
——, Examination Questions in, 510
——, Passes in, 358
Physiology, Course in, 86
——, Passes in, 360
——, Class Certificates of Merit, 395, 411
——, Examination Questions in, 486, 512
Political Economy, Course in, 67
——, Degree Subjects, 172
——, Passes in, 356, 357, 370
——, Class Prize List, 404
——, Examination Questions in, 455
Practitioners—*see Registration*
Preliminary Examinations in Arts and **Science, 151, 155**
——, ——, Pass Lists, 374—382

Preliminary Examination in Medicine, 155, 192
—— ——, Pass Lists, 382
——, Examination Questions, 414, 504
Principal, 17, 34
Prize and Degree List, 1896-97, 347
Prizes, Class, 1896-97, 385
Prizes—*Regulations*, 310—320
    Arnott, 310, 330, 384
    Blackstone Examination, 313
    Brunton Memorial, 311, 330, 346, 384
    Buchanan, 312
    Cleland, 312, 403
    Cleland and Rae Wilson, 312, 385, 386, 387
    Coulter, 312, 331, 384
    Cowan, 313, 406, 407
    Cunninghame, 313, 402
    Dickson, 314, 385
    Dobbie-Smith, 314, 332
    Dowanhill, 314, 328, 385
    Ewing, 315, 332, 384
    Findlater, 219, 315, 328, 384
    Franco-Scottish Society, 332
    Gartmore, 315, 331
    Gladstone Historical, 315, 325, 533
    Harvey, George, 316, 401
    Henderson, 316, 332
    Jamieson, 219, 316, 328, 384
    Jeffrey, 316, 406
    Kirk Memorial, 317
    Livingstone, 317, 331
    Logan (Thos.) Memorial, 317, 325, 346, 384
    Luke Historical, 317, 384, 531
    Macfarlan and Cook, 318, 328, 384
    Macleod, 318
    Muirhead, 318
    Muirhead, George Roger, 318
    Nichol Memorial, 319
    Procurators, Faculty of, 105, 106
    Rae Wilson—*see Cleland*
    Reid, John, 319
    Ross, Robert, 105, 106, 319, 387, 388
    Scott-Macfarlan, 320, 406
    University, 320, 331, 384
    Walker, 320, 401
    Watt, 320
Prizes, University, 1896-97, 384
——, ——, for 1897-98, 331
Professional Education for Degrees in Medicine and Surgery, 196
——, Examinations for, 201
—— ——, First, 81, 202, 358, 509
—— ——, Second, 85, 202, 360, 511
—— ——, Third, 89, 202, 361, 513
—— ——, Fourth, 91, 202, 514
—— ——, for M.D., 203
—— ——, for Ch.M., 204
Professors, 18, 50
Professorships, Foundation of, 27
Programme of Classes, 1897-98, 50, 123
——, 1898, 53, 124
Psychology, 65
Public Law—*see Law, Public*
Pure Science, Degrees in, 176

Queen Margaret College, 122

Reading Room, 136
Recognition of Teachers and Schools, 200
Rector of the University, 17, 31
Regents, 26
Registration of Medical Students, 192
—— of Medical Practitioners, 206
Research Fellows, 128
—— Students, 128
Rhetoric—*see Logic and Rhetoric*
Roman Law—*see Law, Civil*

Scholarships, Fellowships, Exhibitions—*Regulations*, 288—309
    Armagh, 232, 325
    Black Theological, 219, 288, 328
    Breadalbane, 289
    Clark, George A., 290, 325, 327
    Clark, John (Mile-end), 292, 325
    Clydebank, 293
    Cunninghame, Andrew, 293, 329
    Donaldson, Alexander, 294
    Donaldson, Robert, 294
    Eglinton, 295, 325
    Euing, William, 297, 325
    Exhibition (1851), Science, 298
    Ferguson, 298
    Foulis Memorial, 301
    Lloyd's Register, 301, 327
    Luke, 302
    Mackay Smith, 303
    Metcalfe, 303
    Reid Stewart, 304
    Sandford, 304, 325
    Scott, 305
    Shaw Philosophical, 305
    Snell (at Oxford), 307, 325
    Thomson Experimental, 309
——, ——, Competition, 1897-98, 325, 327, 329
Science, Degrees in, 176
——, Conferred, 351
——, Department of, 69, 159, 371, 457
——, Doctorate of—*see Higher Degrees*
——, Engineering, Certificate in, 186
——, Faculty of, 38, 51, 54, 74, 124, 147, 148, 176, 228, 327, 341, 401
——, Preliminary Examination in, 176
Semitic Languages—*see Hebrew*
Senatus Academicus, 17, 37
Session, *Summer*, 1898, 53, 124
Session, *Winter*, 1897-98, 50, 123
Skin, Diseases of the, 100
Societies, University, Appendix III.
Students, 44
Students Matriculated in 1896-97, 44
—— Representative Council, 45
Studies—*see Boards*
Surgery, Course in, 91
——, Class Certificates of Merit, 393, 412
——, Examination Questions in, 514
Surgery, Clinical, Course in, 92
——, ——, Class Certificates of Merit, 394, 395
——, Graduation in—*see Degrees*
——, Masters in, 1896-97, 352

Synopses of Courses in the several classes, 58
Syriac—*see Hebrew*

Theology, Faculty of, 38, 53, 110, 216, 223, 227, 327, 331, 385
Therapeutics—*see Materia Medica*
Throat and Nose, Diseases of the, 99, 400

University, The, 25
University Assistants, 20, 40
—— Buildings, 27
—— Court, 17, 34, 537
—— Government of the, 29
—— Officers, 17
—— Societies, Appendix III.

Vacation Exercises, 534—536
Vaccination, 199
Vice-Chancellor, 17, 30

Waltonian Lectureship, 98
Women, Diseases of, 97
——, ——, Certificates of Merit, 390
Women's Department, 44, 122, 404

Young Assistantship, 40, 77

Zoology—*see Natural History*
——, Degree Subjects, 82, 173
——, Passes in, 358, 362, 373
——, Examination Questions in, 510

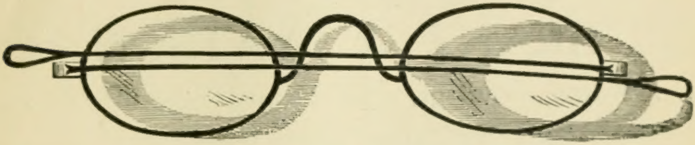
GLASGOW: PRINTED AT THE UNIVERSITY PRESS BY ROBERT MACLEHOSE AND CO.

BROWN'S OPTICAL SPECIALITIES.

REICHERT'S STUDENT'S MICROSCOPE at £3 12s. fulfils all actual requirements of Student and Practitioner. It consists of Stand, Two Eye-Pieces, and Two Objectives. Maximum Power, 650 Diameters.

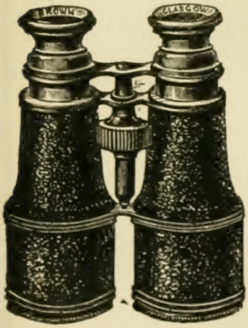
REICHERT'S LARGE MODEL MICROSCOPE, with Jointed Stand inclining Instrument to any angle. Rack Adjustment and Best Fine Adjustment. Abbe Condenser, Double Nose-Piece, Two Eye-Pieces, Two Objectives (powers, 50 Diameters to 650). This Instrument supplies every possible want in all that pertains to an efficient Microscope for all purposes. Price, complete as described, **£9 19s.**

BROWN'S ANTI-PRESSURE EYE-GLASSES hold securely and do not hurt the nose. Prices from **2s. 6d.**



BROWN'S CORRECT VISION SPECTACLES, so called because they are made with proper regard to correspondence of Optical centres and comfort in fitting the face. Prices from **2s. 6d.**

BROWN'S ORTHOSCOPIC OPERA GLASS is distinguished by Large Oculars, Large Flat Field, and Clear Definition, as well as freedom from uncomfortable strain on the Eyes. Prices from **21s.**



BROWN'S "SCORER" FIELD GLASS is unrivalled for all-round excellence. It shows people at four miles distance. None Genuine without "Brown, Glasgow," on Eye-Pieces, and "Scorer," on Top Bar. Price **35s.**

OPTICAL LANTERNS for Teaching Purposes. Price from **30s.**

COMPLETE ½-PLATE PHOTOGRAPHIC APPARATUS, comprising Camera, Dark Slide, Superior R.R. Lens, Instantaneous Shutter, Tripod, and Carrying Case. **£4 4s.** Strongly recommended.

OPHTHALMOSCOPES from **7s. 6d.**

JAMES BROWN, Optician,

76 ST. VINCENT STREET, GLASGOW.

GRANT & WATSON,
School, College, and Athletic Outfitters,
60 ST. VINCENT STREET.

By Special Appointment Outfitters to the
GLASGOW UNIVERSITY.

Caps, Badges, Scarfs, Ties, Blazers, Belts.
Athletic Club Colours in Stock.

GRANT & WATSON,
. . School, College, and Athletic Outfitters, . .
60 ST. VINCENT STREET.

ROBERT & WILLIAM SORLEY,
Manufacturing Silversmiths & Jewellers,
Chronometer and Watch Makers to the Admiralty.

FINE DIAMONDS, PEARLS, AND OLD SILVER-
PLATE PURCHASED FOR CASH OR EXCHANGED.

1 Buchanan Street, and 136 Argyle Street,
GLASGOW.

Established 1828.

NORTH BRITISH and MERCANTILE INSURANCE COMPANY.

Established 1809.

FIRE—LIFE—ANNUITIES.

Total Funds, - - - - - -	**£12,954,532.**
Total Income for 1896, - - - -	**2,981,236.**

GLASGOW OFFICE—102 ST. VINCENT STREET.

Local Manager—DAVID L. LAIDLAW. Local Secretary—JOHN T. FYFE.

ESTEY ORGANS.

Unrivalled for Purity of Tone, Excellence of Workmanship, and Durability. The sale of these Instruments now exceeds **290,000.**

Sole Importers for Scotland—

PATERSON, SONS & CO.,

152 BUCHANAN STREET,

GLASGOW.

AYR, DUMFRIES, PAISLEY, and KILMARNOCK.

The Glasgow and West of Scotland Technical College.

Andersonian Buildings, - - - 204 George Street.
Science and Arts Buildings, - - 38 Bath Street.
"Young" Laboratory Buildings, - 60 John Street.
Industrial Art Rooms, - - - 4 West Regent St.

Day and Evening Classes—Session 1897-98.

FOR young Engineers, Architects, Shipbuilders, Chemists, Electricians, etc., prior to, during, or after their apprenticeship. These Classes now form very complete Courses in all Industrial Professions, for which the College Diplomas and Certificates are awarded.

SUBJECTS TAUGHT.—DAY CLASSES.—Mathematics; Natural Philosophy; Machine Design; Mechanics; Civil, Mechanical, and Electrical Engineering; Prime Movers; Chemistry; Technical Chemistry; Metallurgy; Mining; Mineralogy; Geology; Agriculture; Architecture. EVENING CLASSES as above, with special courses in Sound, Light, and Heat; Magnetism and Electricity; Telegraphy and Telephony; Electric Lighting and Transmission of Power; Theoretical and Applied Mechanics; Building Construction; Naval Architecture; Practical Photography; Sanitation; Plumbing; Industrial Art; Music, etc.

Chemical, Physical, Metallurgical, Electrical, and Engineering Laboratories and Workshops open all day.

For Calendar (price 1s. or by post 1s. 4½d.) and Time Table, apply to JOHN YOUNG, B.Sc., Secretary, 38 Bath Street.

James Thomson & Son,

ROBE MAKERS

By Appointment to the University,

84 and 86 St. Vincent Street,

After November Term

189-191 West George Street,

GLASGOW.

TAILORS AND CLOTHIERS.

CLERICAL and LEGAL ROBES in STOCK or to ORDER.

GRADUATES' GOWNS AND HOODS ON HIRE.